SONOS®

Sonos® Multi-Room Music System

User Guide

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Sonos® Multi-Room Music System

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Regulation Information

Europe

Sonos declares that this product complies with the requirements and other relevant provisions of the R&TTE Directive (1999/5/ED). A copy of the full Declaration of Conformance may be obtained at **http://eu.sonos.com**.

CE Attention In France, operation is limited to indoor use within the band 2.454-2.4835 GHz.
(Attention. En France, l'utilisation en intérieur est limitée à la bande de fréquences 2,454-2,4835 GHz.)

USA

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced audio technician for help. Modifications not expressly approved by the manufacturer may void the user's authority to operate the equipment under FCC rules.

Canada

This Class B digital apparatus complies with Canadian ICES-003 and RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Industry Canada

The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's Web site www.hc-sc.gc.ca.

RF Exposure Requirements

To comply with FCC and EU exposure essential requirements, a minimum separation distance of 20cm (8 inches) is required between the equipment and the body of the user or nearby persons.

Recycling Information

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead please deliver it to the applicable collection point for the recycling of electrical and electronic equipment. By recycling this product correctly, you will help conserve natural resources and prevent potential negative environmental consequences. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Overview

Your Computer Requirements

Note: Your network must have a high-speed Internet connection, as the Sonos® Multi-Room Music System is designed to provide you with online software updates. Your Sonos system must be registered to receive these updates so be sure to register during the setup process. At no time is your e-mail address provided to other companies.

To play the digital music files stored on your computer, your computer network must meet the following requirements:

Network Requirements

- DSL/cable modem, or LAN-based, high-speed Internet connection.
- If you currently have a cable or DSL modem connected directly to your computer, **you should install a router between your modem and your computer** to enhance your computer's security, and to share the Internet connection with your Sonos Multi-Room Music System and other devices. If you do not have a router, you should purchase and install one before proceeding.
    - If you are going to use the Sonos Controller for iPhone application (iPhone or iPod touch) to control your Sonos system, you will need a wireless router in your home network.

System requirements

- 500 MHz processor or better
- 128 MB RAM minimum/256 MB RAM recommended
- Network hardware as described above

Chapter 1

Compatible operating systems

- Windows® XP and higher
- Macintosh® OS X

Compatible audio services

- Best Buy® Digital Music Store
- Deezer
- Last.fm™
- Napster®
- Pandora®
- Rhapsody®
- SIRIUS® Internet Radio
- Sonos is also compatible with music download services, including Audible®, AOL® Music Now, eMusic®, Wal-Mart®, and Zune™ Marketplace

Compatible playlist formats

- iTunes®
- Musicmatch™
- Rhapsody®
- Windows Media® Player
- WinAmp®

Compatible music file formats

- Compressed MP3
- WMA (including Windows Media purchased songs)
- AAC (MPEG4)
- Ogg Vorbis
- Audible .AA files (format 4)
- Apple Lossless
- Flac (lossless)
- Uncompressed WAV and AIFF files

Apple FairPlay and WMA Lossless formats are not currently supported.

Compatible streaming formats

- MP3
- WMA

Note: Please visit our Web site at ***http://faq.sonos.com/specs*** for the latest system requirements, including supported operating system versions.

Technical Support

Whatever you need, our Sonos Support team is just an email or live support chat away. For help with troubleshooting and support issues, visit our Web site at ***www.sonos.com/support***. There you can visit our Forums, browse our Frequently Asked Questions (FAQ) pages, or request assistance.

- **Email**: support@sonos.com
- **Live Text-Chat and Telephone**: ***www.sonos.com/support/contact*** to live chat or find the correct telephone number for your country.

Additional Information

- For the latest product documentation, go to ***http://www.sonos.com/support/documents***
- For the latest system requirements or compatible audio formats, go to ***http://faq.sonos.com/specs***
- For the latest Sonos Multi-Room Music System product news, go to ***http://www.sonos.com***

System Registration

Registering your music system allows you to receive technical support, Sonos software upgrades, and several free music service trials. At no time is any of your information provided to other companies.

Using the Desktop Controller

Select **Sonos System Registration** from the **Help** menu (Windows) or the **Sonos** menu (Macintosh).

Using the Sonos Controller

1. From the **Music** menu, select **System Settings**.
2. Select **Advanced Settings**>**System Registration**.

Using the Sonos Controller for iPhone/iPod touch

1. From the **Music** menu, tap **System Settings**>**Advanced Settings**.
2. Tap **System Registration**, and then follow the prompts to register your Sonos Multi-Room Music System.

Language Preference

Using the Desktop Controller for Windows

1. From the **File** menu, select **Preferences**.
2. Select the **General** tab.
3. Select your language preference from the **Desktop Controller Language** field.

Using the Desktop Controller for Macintosh

The Desktop Controller will try to use the language you have selected in your OS X operating system (System Preferences).

Using the Sonos Controller

1. From the **Music** menu, select **System Settings**>**Controller Settings**>**Advanced Settings**>**Language**.
2. Select your language preference, and then press **OK**.

Windows Shortcut Keys

FUNCTION	KEY SEQUENCE
Help	F1
Album Art	F4
Equalizer	F5
Unmute All Zones	F6
Mute All Zones	F7
Mute Zone	F8
Volume Down	F9
Volume Up	F10
Next	CTRL + F
Play/Pause	CTRL + P
Play Now	CTRL + N
Play Next	CTRL + Shift + N
Previous	CTRL + B
Add to Queue	CTRL + Q
Shuffle	CTRL + H
Repeat	CTRL + T

Macintosh Shortcut Keys

FUNCTION	KEY SEQUENCE
Add to Queue	Option + Command + A
Album Art	Command + —
Clock and Alarms	Shift + Command + C
Drop Zone	Shift + Command + D
Equalizer	Command + =
Help	Command + ?
Hide Music Library	Command + L
Library	Command + 1
Line-In	Command + 5
Link Zone	Shift + Command + L
Music Services	Command + 2
Mute All Zones	Option + Shift + Command + Down Arrow
Mute Zone	Option + Command + Down Arrow
Next	Command + Right Arrow
Next Zone	Shift + Command + Down Arrow
Play/Pause	space
Play Now	Option + Command + P
Play Next	Option + Command + N
Preferences	Command + ,
Previous	Command + Left Arrow

Previous Zone	Shift + Command + Up Arrow
Radio	Command + 4
Repeat	Option + Command + R
Schedule Music Index Updates	Shift + Command + U
Set Up Music Library	Shift + Command + M
Set Up Zones	Shift + Command + Z
Shuffle	Option + Command + S
Sleep Timer	Shift + Command + S
Sonos Playlists	Command + 3
Unmute All Zones	Option + Shift + Command + Up Arrow
Update Music Index Now	Shift + Command + I
Volume Down	Command + Down Arrow
Volume Up	Command + Up Arrow

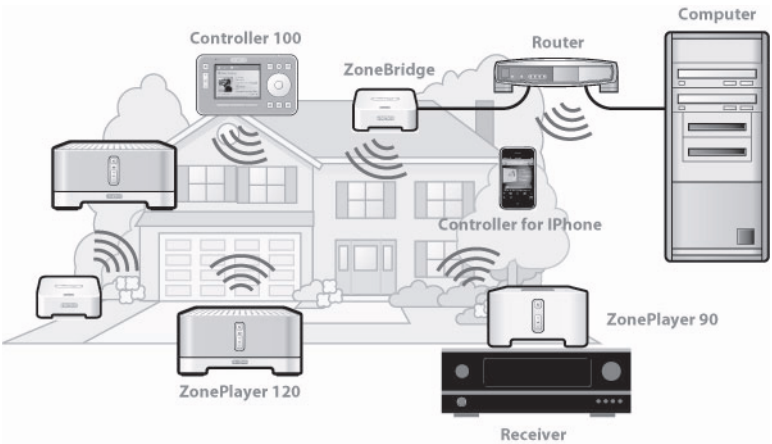
System Setup

Already have Sonos?

If you are adding components to an existing Sonos music system, see "Adding to an Existing Sonos System" on page 2-12.

New to Sonos?

Unpack your Sonos components, and then simply follow the setup instructions in sequential order to ensure that you set up your Sonos® Multi-Room Music System correctly. See "Your Computer Requirements" on page 1-1 to make sure your home network is ready for Sonos, and then turn to "Setting Up a New Sonos System" on page 2-3 for installation instructions.



Chapter 2

The ZonePlayer 120...

- Includes a high-performance, built-in amplifier that can power large or small speakers, allowing you to enjoy superior audio quality in every room.
- Includes a multi-port Ethernet switch to enable direct connections to routers, computers, or other ZonePlayers.
- Includes analog audio inputs with digital encoding so that music from an external audio source (such as a CD player or portable MP3 player) can be connected to one ZonePlayer, and played by all the other ZonePlayers in your system.

The ZonePlayer 90...

- Is designed to be used with an external amplifier. It contains both analog and digital outputs so that you can easily connect it to your existing audio equipment.
- Creates a music zone in a room where you already have an amplifier, such as your home theater system or the stereo system in your family room.
- Creates a music zone in your home office where you already have a computer or a pair of powered speakers.
- Can be used if you have a distributed audio system that is driven from an amplifier in one central location with speaker wires home-run to this central location.

The ZoneBridge BR100...

- Connects the Sonos Multi-Room Music System to your home network when your router is in a location where you don't want to play music.
- Extends the wireless range of your Sonos Multi-Room Music System when you want to set up a music zone in an area that lies beyond your current SonosNet wireless range.

The Sonos Controller CR100...

- Lets you wirelessly control the music and where it's being played, from any room in your house—no pointing or line-of-sight requirements.
- Allows intuitive control over your music and zones with a full-color LCD screen and scroll wheel that makes it simple to:

- browse songs
- queue up tracks and playlists
- select zones—play the same song in different rooms, or different songs in different rooms
- control volume, playback and system settings

The Sonos Controller for iPhone...

- Lets you wirelessly control your entire Sonos system over your home Wi-Fi network
- Turns your iPhone or iPod touch into a full-fledged Sonos Controller so you can control your entire music experience with a touch of a finger
- Has a touch-screen interface and fits in your pocket so you can carry it with you all over the house

Setting Up a New Sonos System

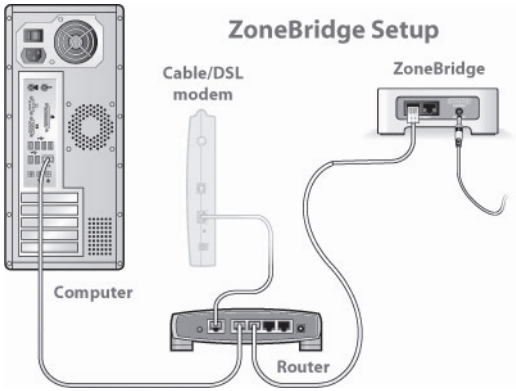
Step 1: Connect a Sonos component to your router

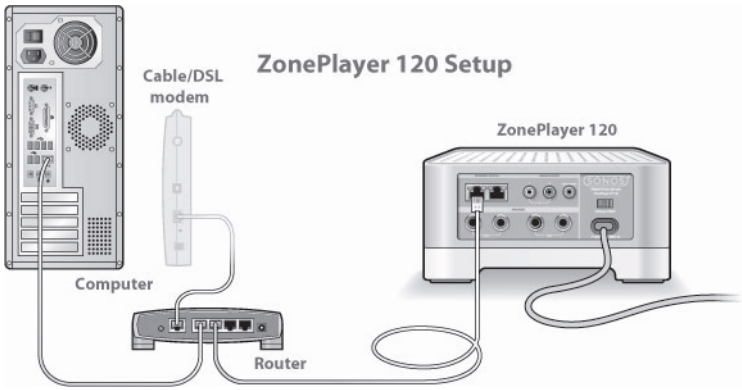
Note: Which Sonos component should I connect to my broadband router*?* If you are going to use speakers in this music zone, you can connect a ZonePlayer 120/100 to your router. If you are going to connect to an external amplifier, or to your computer's powered speakers, you can connect a ZonePlayer 90/80. If you do not wish to play music in this room, you can connect a Sonos ZoneBridge.

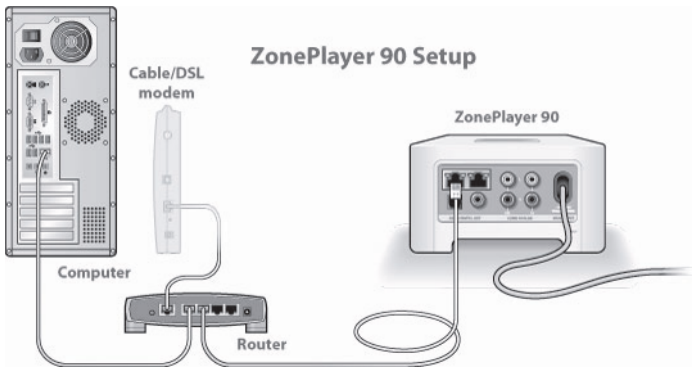
Connect an Ethernet cable (supplied) from any of the Ethernet switch connectors on the back of a ZonePlayer or ZoneBridge to an open port on your router. Do not connect the Sonos component directly to your cable or DSL modem unless your modem has a built-in router.

- The first Sonos component you install must connect to your home network using an Ethernet cable. If you only have a wireless network, you can go to ***http://faq.sonos.com/wireless*** for assistance.
- If you have structured (built-in) wiring that connects to a router located elsewhere in your home, you can connect from a live wall plate to any of the Ethernet switch connectors on the back of a Sonos component.

Setup illustrations (into router)



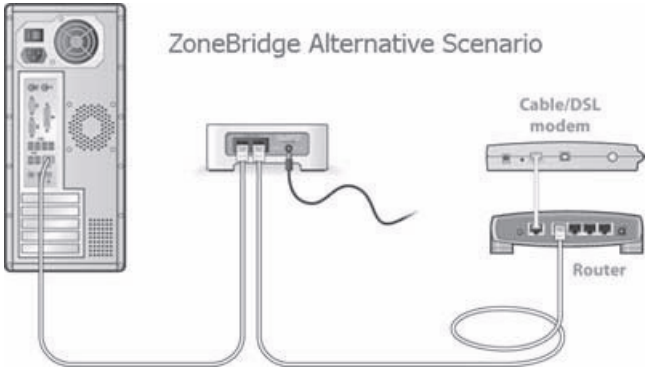

ZonePlayer 120 Setup
Cable/DSL modem
ZonePlayer 120
Computer
Router

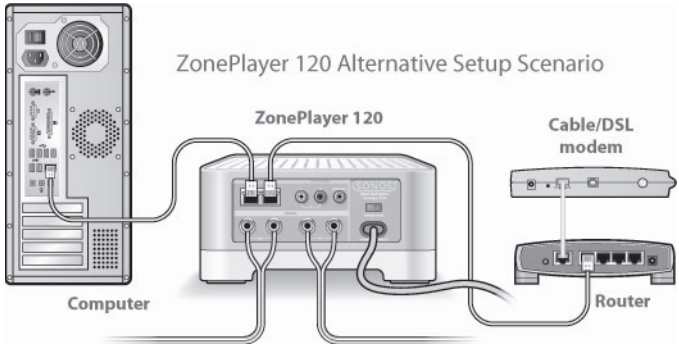

ZonePlayer 90 Setup
Cable/DSL modem
ZonePlayer 90
Computer
Router

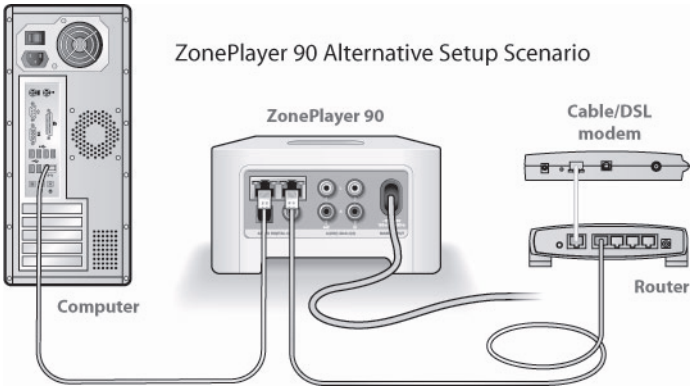
Alternate setup illustrations (no open router port)

If you don't have an open port on your router, you can disconnect your computer from the router and connect it to the ZonePlayer or ZoneBridge instead. Then you can connect the Sonos component into the router port the computer was previously plugged into.

Note: To maintain your computer's security, do not connect the Sonos component directly to your cable/DSL modem.







Step 2: Place the ZonePlayers in the rooms of your choice

Place the ZonePlayers in the rooms of your choice. If you are setting up a ZonePlayer 120/100, attach the speakers. If you are setting up a ZonePlayer 90/80, connect it to an external amplifier.

If you are connecting a ZonePlayer 120/100

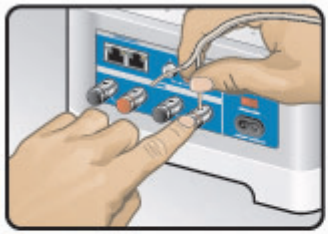
- Your speaker's power rating should be at least 75W for 8 Ohm speakers, and at least 150W for 4 Ohm speakers. **Do not connect speakers rated at less than 4 Ohms.**

Note: Connect the **red (+)** and **black (-)** terminals from each speaker to the corresponding terminals on the ZonePlayer. Mismatching of polarities will result in weak central sound, and a distorted sense of sound direction.

When making connections, ensure that none of the strands of your speaker wire come in contact with an adjoining terminal on the rear panel.

1. Use your thumb or finger to firmly push the spring-loaded speaker connector post inward to reveal the connection hole.
2. Insert the stripped end of the speaker wire into the hole, then release. The stripped portion should be caught firmly in the connector post.

3. Repeat to install the other speaker wires.



If your speakers have banana connectors, you can insert the plugs directly into the banana jacks on the back of the ZonePlayer 120 instead (available in North America only)

4. Attach the power cord and plug into a wall outlet—make sure the **Voltage Switch** on the back of the ZonePlayer is set to the proper position for your country before applying power.

The **Mute** button indicator and the **ZonePlayer Status** indicator will begin to flash. (If this ZonePlayer was previously connected to another Sonos Multi-Room Music System, the ZonePlayer Status indicator may light solid white instead.)

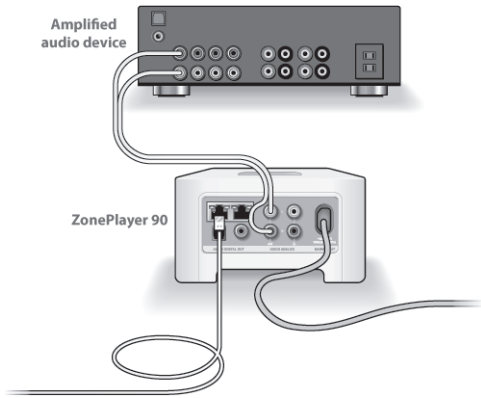
If you are connecting a ZonePlayer 90/80

1. Attach the power cord and plug in the ZonePlayer.

The **Mute** button indicator and the **ZonePlayer Status** indicator will begin to flash. (If this ZonePlayer was previously connected to a Sonos Multi-Room Music System, the ZonePlayer Status indicator may light solid white instead.)

2. Connect your ZonePlayer 90/80 to an external amplifier by choosing one of the following options:

Connect to a home theater or amplifier



- If you have *digital inputs* on your home theater or amplifier, you can use either a TOSLINK® optical audio cable or a digital coaxial cable to connect the ZonePlayer 90/80's digital output to the digital input on the receiver.
- If you have *analog inputs* on your home theater or amplifier, use a standard RCA audio cable to connect a ZonePlayer's analog audio output to the audio inputs on the receiver.
- Select the proper input channel on the receiver.
- After you finish setting up your Sonos system, go to "Using Line-out" on page 2-22 to adjust the volume settings.

Connect to a computer or powered speakers

- You will need a stereo mini to RCA Y-adapter audio cable (one 1/8-inch stereo miniplug to dual RCA male connectors) to connect the ZonePlayer's analog audio output to the computer's audio input.
- You may need a Y-adapter audio cable (one1/8-inch stereo miniplug to dual RCA male connectors) to connect the speakers to the audio outputs on the ZonePlayer. If your speakers have a male 1/8-inch stereo plug, you will need to attach a female-to-female coupler between the speaker plug and the Y-adapter audio cable.

For additional information on connecting audio devices, you can visit our Web site at ***http://faq.sonos.com/cables***.

Step 3: Install the software

If your operating system is Macintosh® OS X, Windows Vista™ or Windows® XP, simply insert the Sonos System Setup CD-ROM and follow the on-screen instructions to download and install the software, configure your music system, and set up access to your music files.

Note: During the setup process, you will be prompted to register your Sonos system. Your music system must be registered in order to receive future software updates, technical support and access to free music service trials, so please be sure to register during the setup process. We do not share your email address with other companies.

- If you have a different operating system, you can set up your music system using the Sonos Controller or an iPhone or iPod touch instead.
  - See "System Setup Using Sonos Controller CR100" on page C-2 for assistance setting up Sonos with a handheld Controller (CR100).
  - See "System Setup Using iPhone/iPod touch" on page C-9 for assistance setting up Sonos with an iPhone or iPod touch.
  - If you only have a NAS device, see "System Setup for NAS Device (no rout-

er)" on page C-6.

For use with:

- Windows XP and higher
- Mac OS X

Note: Firewall software such as Norton Internet Security™, McAfee® Personal Firewall, Windows Firewall, or Mac OS X built-in firewall, can block the operation of your Sonos Desktop Controller software. During installation, you may see prompts from your firewall software indicating that the Sonos application is attempting to perform certain operations. **You should always allow full access to the Sonos Desktop Controller.** You may also need to change the settings of your firewall software to ensure that Windows file sharing is not blocked. Please go to our Web site at ***http://faq.sonos.com/firewall*** for detailed instructions.

Step 4: Add the Sonos Controller 100

Plug your Sonos Controller into the power adapter and follow the prompts on the Controller's screen to add it to your music system. You can use the Controller while it is charging.

For additional information about your Sonos Controller, see "The Sonos® Controller 100" on page 7-1.

If you are using an iPhone or iPod touch, see "Sonos® Controller for iPhone™" on page 8-1 for additional information.

Adding to an Existing Sonos System

For help adding a component to your Sonos Multi-Room music system, you can go directly to:

- "Add a ZoneBridge" on page 2-13
- "Add a ZonePlayer" on page 2-15
- "Add a Sonos Controller" on page 2-16
- "Add an iPhone or iPod touch" on page 2-16

When and why should I use a wireless connection?

The Sonos Multi-Room Music System uses a built-in wireless connection to communicate between Sonos components. This means ZonePlayers can be placed anywhere in and around your home and connect wirelessly when a wired Ethernet connection is not available.

Note: Thick walls, 2.4 GHz cordless telephones, or the presence of other wireless devices can interfere with or block the wireless network signals from your Sonos Multi-Room Music System. Once you locate your ZonePlayer, if you are experiencing difficulty, you can try — relocating the ZonePlayer, changing the wireless channel your music system is operating on (see "Selecting a different wireless channel" on page 5-8), or making a wired connection by connecting an Ethernet cable from your router to the ZonePlayer, or from one ZonePlayer to another.

If you are having trouble placing your units within wireless range of each other, you can go to our Web site at ***http://faq.sonos.com/range*** for more information.

Use wireless connections when:

- You don't want to install network cables
- You may want to move the ZonePlayer
- There is enough wireless signal strength for the ZonePlayer to function reliably

Add a ZoneBridge

If you are adding a ZoneBridge to an **EXISTING** Sonos system, please follow the steps below. If you are setting up a **NEW** Sonos Multi-Room Music System, please see "Setting Up a New Sonos System" on page 2-3 instead.

You can use a Sonos ZoneBridge to replace the ZonePlayer that is currently wired to your router, or you can place a ZoneBridge in any location to extend the wireless range of your Sonos Multi-Room Music System.

Note: If you are replacing the *wired* ZonePlayer in your music system with a Sonos ZoneBridge, first add the new ZoneBridge to your music system (steps below). You can then unplug the wired ZonePlayer from your router, replace it with the Sonos ZoneBridge, and move the original ZonePlayer to a new location.

1. Attach the power adapter and plug in the ZoneBridge. Be sure it is the proper power adapter for your country.
   - Use the *Desktop Controller* software to check for software updates by selecting **Help**>**Check for Updates**.
   - Use the *Sonos Controller* to check for software updates by selecting **System**

Settings>**Online Updates** from the **Music** menu.

- Use an *iPhone or iPod touch* to check for software updates by selecting **System Settings**>**Online Updates** from the **Music** menu.

2. Choose one of the following options:
   - Use the *Desktop Controller* software to add the ZoneBridge to your music system by selecting **Add a ZonePlayer or ZoneBridge** from the **Zones** menu.
   - Use the *Sonos Controller* to add the ZoneBridge to your music system by selecting **System Settings**>**Add a ZonePlayer or ZoneBridge f**rom the **Music** menu.
   - Use an *iPhone or iPod touch* to add the ZoneBridge to your music system by selecting **System Settings**>**Add a Zone** from the **Music** menu

During the setup process, you will be prompted to press and release the **Connect** button on top of the ZoneBridge. The indicator lights will flash green and white while the ZoneBridge is connecting.

Now that you've added the ZoneBridge to your music system—

- If you are replacing the ZonePlayer that is currently attached to your router, you can unplug the wired ZonePlayer, replace it with the Sonos ZoneBridge, and move the original ZonePlayer to a new location.
- If you are using the ZoneBridge to extend the wireless network in your house, locate the ZoneBridge wherever you want additional wireless coverage. If desired, you can also move any existing ZonePlayer(s) to other locations.

A Sonos ZoneBridge **will not display in your Zones menu** after it is set up. If you wish to change the settings for this device, you can choose one of the following options:

- Using the *Desktop Controller* software, select **Zones**>**ZoneBridge Settings**. Highlight the ZoneBridge, and then click **Settings.**
- Using a handheld Controller, select **System Settings**>**ZoneBridge Settings** from the **Music** menu.

Add a ZonePlayer

Note: If you are replacing the Sonos component (ZonePlayer or ZoneBridge) that is currently connected to your router, first add the new ZonePlayer to your music system (see steps below). You can then unplug the component from your router, replace it with the new ZonePlayer, and move the original Sonos component to a new location.

If your house has structured (built-in) wiring, you can make a 'wired' connection to the new Sonos component. Otherwise, you can connect wirelessly.

Caution: Do not place any items on top of your ZonePlayer. This may impede the air flow and cause your ZonePlayer to overheat.

1. Place the ZonePlayer in the room you have selected, and apply power.
2. If you are making a *wired* connection, connect a standard Ethernet cable from either your router, another ZonePlayer, or a 'live' network wall plate to any of the Ethernet switch connections on the back of the new ZonePlayer. If you are making a *wireless* connection skip this step and proceed to step 3.
3. Choose one of the following options:
   - If you are adding an amplified ZonePlayer, attach desired speakers (see "If you are connecting a ZonePlayer 120/100" on page 2-7 if you need help with this step).
   - If you are adding a ZonePlayer 90/80, connect an external amplifier (see "If you are connecting a ZonePlayer 90/80" on page 2-8 if you need help with this step).
4. Choose one of the following options:
   - Using the *Desktop Controller* software, select **Add a ZonePlayer or ZoneBridge** from the **Zones** menu.

Or,

   - Using a *Sonos Controller,* select **System Settings**>**Add a ZonePlayer or ZoneBridge** from the **Music** menu.

Or,

   - Using an *iPhone or iPod touch*, select **System Settings**>**Add a Zone** from the

Music menu

- During the setup process, you will be asked to press and release the **Mute** and **Volume Up** buttons simultaneously on the ZonePlayer you are adding.
- You may release the buttons as soon as the **Mute** indicator (green) and the **ZonePlayer Status Indicator** (white) start to blink alternately (this takes approximately 1 second.)
- When the ZonePlayer has been successfully added to your music system, the **Mute** indicator will go out and the **ZonePlayer Status indicator** will change to solid white.

Add a Sonos Controller

You should charge your new Sonos Controller when you remove it from the packaging. Plug it into the power adapter, and then follow the Controller's on-screen prompts to add it to your music system (you can use the Controller while it is charging.)

For additional information about your handheld Controller, see "The Sonos® Controller 100" on page 7-1.

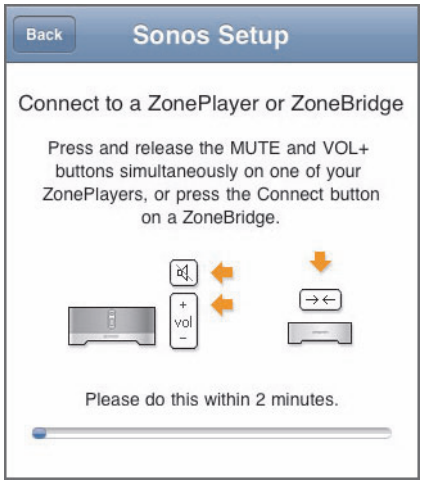
Add an iPhone or iPod touch

The Sonos Controller for iPhone application turns your iPhone or iPod touch into a full-fledged Sonos Controller. You simply need to have an iPhone or iPod touch connected to your wireless router, and at least one ZonePlayer set up. iPhones, iPod touches, and Sonos ZonePlayers are sold separately.

Note: To use the Sonos Controller for iPhone, your iPhone or iPod touch must be connected to your wireless network and the Wi-Fi setting must be set to **On**. If you need to make changes to your wireless connection, you can select **Settings**>**Wi-Fi** from the **Home** screen on your iPhone or iPod touch. For additional help with this step, refer to the manual that accompanied your iPhone (*http://support.apple.com/manuals*.)

1. Download the Sonos Controller for iPhone application. You can either tap the **App Store** button on your iPhone or iPod touch, or you can download it from iTunes— if you download the Sonos Controller from iTunes, you will need to sync before you see the Sonos logo display on your iPhone.

2. Tap the **Sonos** icon and then follow the prompts to add the Sonos Controller for iPhone to your Sonos Multi-Room Music System.


Back
Sonos Setup
Connect to a ZonePlayer or ZoneBridge
Press and release the MUTE and VOL+ buttons simultaneously on one of your ZonePlayers, or press the Connect button on a ZoneBridge.
+
vol
–
Please do this within 2 minutes.

ZoneBridge Setup

Press and release the **Connect** button on top of the ZoneBridge. The indicator lights will flash green and white while the ZoneBridge is connecting.

ZonePlayer Setup

Press and release the **Mute** and **Volume Up** buttons simultaneously on the ZonePlayer. The Mute and ZonePlayer Status indicator lights will flash green and white while the ZonePlayer is connecting. You can release the buttons as soon as they start to blink (approximately 1 second.)

If you should need assistance while setting up your Sonos system using an iPhone or iPod touch, you can go to our Website at ***http://faq.sonos.com/icr.***

Renaming a ZonePlayer or ZoneBridge

If you name a ZonePlayer incorrectly, or if you move a ZonePlayer to another room, you can rename it to suit your preference.

Using the Desktop Controller

1. From the **Zones** menu, select **ZonePlayer Settings.** If you want to change a ZoneBridge instead, select **ZoneBridge Settings**.
2. Select the zone you wish to change, and click **Settings**. From the **Zone Name** tab, select a name from the list, or type a new name for this ZonePlayer in the **Zone Name** field, and then click **OK**.

Using the Sonos Controller

1. From the **Music** menu, select **System Settings**>**ZonePlayer Settings** and press **OK**. If you wish to change the name of a ZoneBridge, select **ZoneBridge Settings** instead.
2. Use the scroll wheel to highlight the zone you wish to change, and press **OK**.
3. Select **ZonePlayer Name**, and press **OK**.
4. Choose one of the following options:
   - Use the scroll wheel to select a new name from the list, and then press **OK**.

Or,

   - Type a different name by selecting **Enter New**.
     - Use the scroll wheel to select each letter, pressing **OK** after each entry.
     - Press **Accept** to accept the new name, or press **Cancel** to leave the screen without making a change.

Using the Sonos Controller for iPhone/iPod touch

1. From the **Music** menu, tap **System Settings**>**ZonePlayer Settings**. If you wish to change the name of a ZoneBridge, tap **ZoneBridge Settings** instead.
2. Tap to select the zone you wish to change.
3. Tap **ZonePlayer Name**.
4. Choose one of the following options:

- Drag your finger to scroll through the list. Highlight the name you want to select, and tap **Done**.
- If you'd like to create a unique room name, tap the current name field to display the keyboard. Tap the Delete button to erase the current name and then type a different name. Tap **Done** when you are finished typing. Tap **Done** to accept the new name, or tap **Cancel** to leave the screen without making the change.

Turning Off White Status Indicator

If you have a ZonePlayer located in a bedroom, you may want to turn off the Status Indicator Light located on the front of the ZonePlayer so that when the ZonePlayer is in *normal* operation, the white light will not display. However, if the ZonePlayer status indicator begins to flash amber, see "ZonePlayer Status Indicator Explanations" on page A-11 for additional information.

ZonePlayer Status Indicator Light; white when in normal operation

Using the Desktop Controller

1. From the **Zones** menu, click **ZonePlayer Settings**. If you wish to turn off a ZoneBridge status indicator light, select **ZoneBridge Settings** instead.
2. Highlight the ZonePlayer/ZoneBridge you wish to adjust, and click **Settings**.
3. From the **Status Indicator Light** tab, select *On* or *Off* and click **OK**.

Using the Sonos Controller

1. From the **Music** menu, select **System Settings**>**ZonePlayer Settings**, and press **OK**. If you wish to turn off a ZoneBridge status indicator light, select **ZoneBridge Settings** instead.
2. Use the scroll wheel to highlight the zone you wish to affect, and press **OK**.
3. Select **White Status Indicator Light**, and press **OK**.
4. Select *On* to turn the light on during normal operation, or *Off* to turn the light off during normal operation, and press **OK**.

Changing a ZonePlayer's Operating Mode

It's possible to use a ZonePlayer simply to extend the wireless range of your Sonos Multi-Room Music System and not to play music, by placing the ZonePlayer into *Sonos Extender* mode. A ZonePlayer operating in Sonos Extender mode is sometimes referred to as a *hidden* ZonePlayer, and will not appear in your **Zones** menu.

The ZonePlayer must already be part of your Sonos Multi-Room Music System in order to change its mode of operation.

(You may wish to purchase a ZoneBridge to extend your Sonos system's wireless range instead.)

Using the Desktop Controller

1. From the **Zones** menu, select **ZonePlayer Settings**.
2. Highlight the ZonePlayer you want to change, and click **Settings**.
3. Select the **Advanced** tab.
4. Select either **Normal Mode** or **Sonos Extender Mode**, and click **OK**.

Using the Sonos Controller

1. From the **Music** menu, select **System Settings**>**ZonePlayer Settings**.
2. Select the ZonePlayer you want to change, and press **OK**.

3. Select **ZonePlayer Mode**, and press **OK**.
4. Select either **Normal** or **Sonos Extender** mode, and press **OK**.

When a ZonePlayer is in *Sonos Extender* mode, it does not display in your **Zones** menu. When you change it back to normal operation using the **ZonePlayer Settings** screen, it will appear as an *unnamed* zone and you can rename it at that time.

Equalization (Sound Settings)

You can change the sound settings (treble, bass, loudness, or balance) for each individual ZonePlayer.

Using the Desktop Controller

Highlight a zone in the **Zones** pane, and then click the **Equalizer** button to change the sound settings (treble, bass, loudness, balance or volume) for an individual ZonePlayer. (You can also select **Equalizer** from the **Play** menu.)

- To change the volume for a *zone group*, use the group volume control on the left.
- If you have two or more zones in a group, use the **Equalizer** window to adjust the volume for each zone individually.

Using the Sonos Controller

1. From the **Music** menu, select **System Settings**>**ZonePlayer Settings**, and press **OK**.
2. Use the scroll wheel to select a zone, and press **OK**.
3. Select **Music Equalization**, and press **OK.**
4. Select a setting, and then use the scroll wheel to make adjustments to the control slide that appears on the screen, and then press **OK**.
5. To change the settings for a ZonePlayer back to the original default values, select **Reset All**.

Using the Sonos Controller for iPhone/iPod touch

1. From the **Music** menu, tap **System Settings**>**ZonePlayer Settings**.
2. Tap the zone you want to change, and then select **Music Equalization.**

3. Use your finger to make changes to the settings—
   - Slide controls to the right to increase, left to decrease.
   - To change the **Loudness** setting, tap **On** or **Off**.
   - To change the settings for a ZonePlayer back to the original default values, tap **Reset All**.

Turning Off Music System

Your Sonos Multi-Room Music System is designed to be always on; the system uses minimal electricity whenever it is not playing music. To stop streaming music in all zones, you can use the **Pause All** feature.

- Using a handheld Controller, select **Pause All** from the **Zone** menu.
- Using the Desktop Controller software, select **Pause All** from the **Play** menu.

Your ZonePlayers will remain *off* until you press **Play** to restart each zone or zone group.

Using Line-out

You can easily connect your home theater, stereo, or powered speakers to a ZonePlayer. Depending on your ZonePlayer model, you can use analog or digital audio outputs to connect to an external amplifier. The ZonePlayer 90/80 has both digital and analog outputs, while the ZonePlayer 100 has analog outputs. The ZonePlayer 120 is not designed with audio outputs.

For additional information on connecting audio devices, you can go to our Web site at ***http://faq.sonos.com/cables***.

To connect to a home theater

1. Choose one of the following options:
   - If you have digital inputs on your home theater receiver and your ZonePlayer supports digital audio output, you can use either a TOSLINK® optical audio cable or a digital coaxial cable to connect the ZonePlayer's digital output to the digital input on your home theater receiver.

- If you have analog inputs on your receiver, use a standard RCA audio cable to connect a ZonePlayer's analog audio output to the audio inputs on your home theater receiver.

2. Select the proper input channel on your home theater system.
3. If you are setting up a new ZonePlayer that has audio outputs, plug in your ZonePlayer, and then choose one of the following options:
   - **Use the Desktop Controller** software to add the ZonePlayer to your Sonos system by selecting **Add a ZonePlayer or ZoneBridge** from the **Zones** menu.
   - **Use the Sonos Controller** to add the ZonePlayer to your Sonos system by selecting **System Settings**>**Add a ZonePlayer or ZoneBridge** from the **Music** menu.
   - **Use an iPhone or iPod touch** to add the ZonePlayer to your Sonos system by selecting **System Settings**>**Add a Zone** from the **Music Menu**.

To control the volume from home theater

Set the line-out level on this ZonePlayer to **Fixed** by selecting one of the following options:

- **Using the Desktop Controller software**, select **ZonePlayer Settings** from the **Zones** menu. Select the ZonePlayer attached to your home theater, and then click **Settings**. Click the **Line-Out** tab, and choose **Fixed**.
- **Using the Sonos Controller**, select **System Settings** from the **Music** menu. Select **ZonePlayer Settings**, and use the scroll wheel to highlight the ZonePlayer attached to your home theater. Select **Line-Out Level**, and choose **Fixed**.

Note: When you change the line-out level to **Fixed** on your ZonePlayer, you will not be able to adjust the volume or the equalization settings using your Sonos Controller.

To control the volume from Sonos system

1. Adjust your home theater or other audio device's volume to typical listening volume.
2. Set the line-out level on this ZonePlayer to **Variable** by selecting one of the following options:

- Using the Desktop Controller software, select **ZonePlayer Settings** from the **Zones** menu. Select the ZonePlayer attached to your home theater, and then click **Settings.** Click the **Line-Out** tab, and choose **Variable**.
- Using the Sonos Controller, from the **Music** menu, select **System Settings**. Select **ZonePlayer Settings**, and use the scroll wheel to highlight the ZonePlayer attached to your home theater. Select **Line-Out Level**, and choose **Variable**.

3. Use the Controller to adjust the volume on your Sonos system so you can hear music. This may be at the high end of the volume scale.
4. If desired, you can readjust the volume on your home theater system so that the volume range for the Controller falls within your typical listening range.

To connect to a computer or powered speakers

- **If you are connecting to your computer**: You will need a stereo mini-to-RCA Y adapter audio cable (one 1/8-inch stereo mini-plug to dual RCA male connectors) to connect the ZonePlayer's analog audio output to the computer's audio input.
- **If you are connecting to powered speakers**: You may need a Y adapter audio cable (one 1/8-inch stereo mini-plug to dual RCA male connectors) to connect the computer's speakers to the audio outputs on the ZonePlayer. If your speakers have a male 1/8-inch stereo plug, you can attach a female-to-female coupler between the speaker plug and the Y adapter audio cable, or you can use a Y-adapter audio cable (one 1/8-inch Female connector to dual RCA male connectors).

Using Line-in

You can connect an external source such as a CD player, portable music player, or television to your Sonos Multi-Room Music System, and this audio can be streamed to any ZonePlayer(s) in your house. So, connect your CD player to the Sonos Multi-Room Music System and listen to the CDs you haven't had a chance to rip to your

music library, or connect to your TV and listen to the football game on the patio while cooking on the grill.

Note: You can listen to music from the external device in any zone, and use the Sonos Multi-Room Music System to control the volume settings. However you must control the playback (forward, pause, etc.) from the line-in source. If you have **Compressed** encoding selected, you will notice a delay before the music starts to play.

Connecting a music source

- Use a standard RCA cable to plug the external source into the analog *Audio In* connections on the back of your ZonePlayer. The source device will automatically be detected.
- To connect a portable player to the ZonePlayer, you will need a 1/8 inch mini-stereo to RCA audio cable. Plug the mini-stereo end into the portable device and the RCA end into the *Audio In* connection on the ZonePlayer.

Setup illustrations

Using the Desktop Controller

From the **Music Library** pane, click the **Line-In** tab. (Depending upon your screen resolution, you may need to click >> to select the **Line-In** tab.)

- To play music from this source, select the audio component, and click **Play Now**.
- To change the settings for this audio component, highlight the audio component, and click the **Set Up** button at the bottom of the window. From the **Line-In** tab, you can:
  - Select an audio component type from the **Source Icon** field.
  - Type a name in the **Source Name** field if you want to give the audio com-

ponent a unique name, such as *Mary's iPod*.

- Select a line-in level for this device, and then click **OK**. A default (typical) line-in level is automatically assigned when you select the source icon. If the volume sounds too low, you can select a higher line level. You may experience clipping at higher volume levels if you set the level too high.

Using the Sonos Controller

From the **Music** menu, select **Line-In Sources** and press **OK**.

- To play music from this source, highlight it and press **OK**.
- To change the name of the component, highlight it and select **Edit Name**. Choose a new name from the list, and press **OK**.
- To change the line-in level for this component, highlight it and select **Edit Line Level**. Choose the line-in level appropriate for this device, and press **OK**.

A default (typical) line-in level is automatically assigned when you select a source name. If the volume sounds too low, you can select a higher line level for this device. You may experience clipping at higher volume levels if you set the level too high.

To change the line-in encoding for these components, see "Line-In encoding" on page 7-17.

Using the Sonos Controller for iPhone/iPod touch

From the **Music** menu, tap **Line-In Sources**.

- To play music from this source—select **Line-In Sources** from the **Music** menu. Tap to select the source, and tap **Play Now**.
- To change the name of this device—tap **System Settings**>**ZonePlayer Settings**. Select the ZonePlayer this source is connected to, and then tap **Line-In Source Name**. Select a new name from the list, or tap the name field to enter a unique name.
- To change the line-in level—tap **System Settings**>**ZonePlayer Settings**. Tap to select the ZonePlayer this source is connected to, and then tap **Line-In Source Level**. Select a new level and then press **Done**.

A default (typical) line-in level is automatically assigned when you select a source name, but if the volume sounds too low you may wish to select a higher line level. (You may experience sound distortion at higher volume levels if you set the level too high.)

Changing the line-in encoding setting

The audio from line-in sources can be encoded to produce *compressed* or *uncompressed* audio. We recommend the following usage guidelines:

Use **Uncompressed** if:

- You want optimal performance with home theaters.
- You want to produce the highest quality sound for your multi-zone Sonos system (this selection requires more network bandwidth than compressed audio.)

Use **Compressed** if:

- You are connecting more than 4 zones wirelessly.

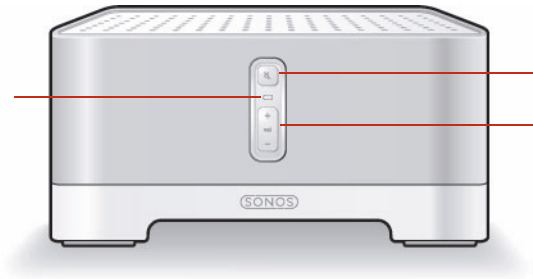
Using the Desktop Controller

1. From the **File** menu (Windows) or **Sonos** (Macintosh) menu, select **Preferences**.
2. Click the **Advanced** tab.
3. Select **Compressed** or **Uncompressed** from the **Line-In Encoding** list, and click **OK**.

Using the Sonos Controller

1. From the **Music** menu, select **System Settings**.
2. Select **Advanced Settings**>**Line-In Encoding**.
3. Use the scroll wheel to select **Uncompressed** or **Compressed** encoding, and press **OK**.

ZonePlayer Front



On/Off

- Using the Sonos Controller, select **Pause All** from the **Zone** menu.
- Using the Desktop Controller software, select **Pause All** from the **Play** menu.

Your Sonos Multi-Room Music System is designed to be always on; the system uses minimal electricity when not playing music. To stop streaming music in all zones, use the **Pause All** feature.

ZonePlayer status indicator

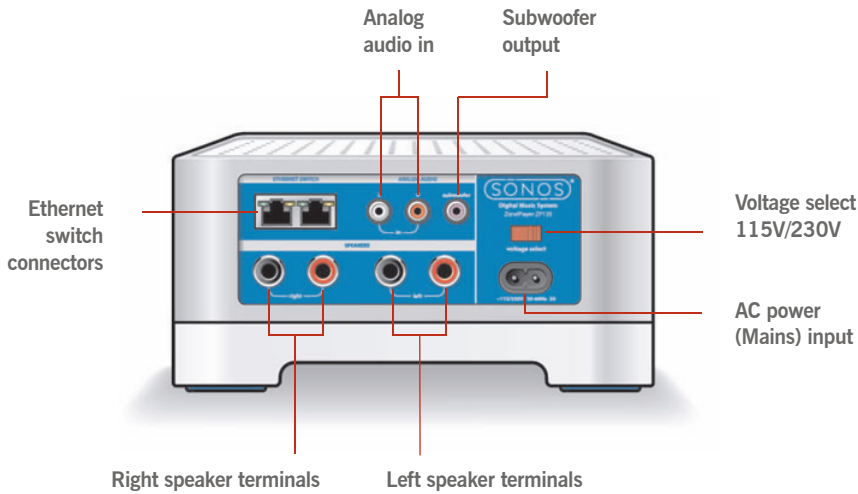
- *Flashes white* when powering up or connecting to your Sonos Multi-Room Music System.
- *Solid white* when powered up and connected to your Sonos Multi-Room Music System (normal operation).

Indicates the current status of the ZonePlayer. When the ZonePlayer is in normal operation, you can turn the white status indicator light on and off.

Go to "ZonePlayer Status Indicator Explanations" on page A-11for additional status indicators.

Mute button • *Lights solid green* when sound is muted. • *Flashes green rapidly* when household mute or unmute is about to take place. • *Flashes green slowly* when ZonePlayer is connecting to your music system.	**To mute/unmute this ZonePlayer**: Press the **Mute** button to mute or unmute this ZonePlayer. **To mute/unmute all ZonePlayers**: Press and hold the **Mute** button for 3 seconds to mute all ZonePlayers in your household. Press and hold for 3 seconds to unmute all ZonePlayers.
Volume Up (+) **Volume Down (-)**	Adjusts the volume up and down.

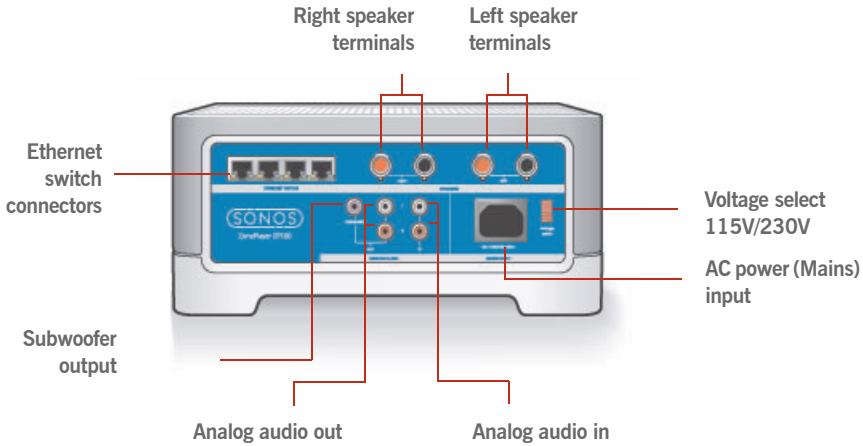
ZonePlayer 120 Rear Panel Connectors



Important Note: Power rating should be at least 75W for 8 Ohm speakers and at least 150W for 4 Ohm speakers

Ethernet switch connectors (2)	Use Category 5 Ethernet cable to connect to a router, computer, or additional network device such as a network-attached storage (NAS) device. **LED indicators:** • **Green** (link connection) • **Flashing Yellow** (network activity)
Right speaker terminals	Use high-quality speaker wire to connect the right speaker to the ZonePlayer.
Left speaker terminals	Use high-quality speaker wire to connect the left speaker to the ZonePlayer.
Voltage select	**AC 115/230 V** Select the voltage setting that is appropriate for your country.
AC power (mains) input	Use the supplied power cord to connect to power outlet.
Analog audio in	Use a standard RCA audio cable to connect the audio outputs from a separate audio component such as a CD player, to the ZonePlayer's analog audio inputs.
Subwoofer output **Note:** If you disconnect your subwoofer, make sure to also disconnect the subwoofer's cable from the ZonePlayer output.	Connect a powered subwoofer to this output using a standard RCA cable. The system will detect when a cable is connected to the subwoofer output and adjust the crossover frequency automatically.

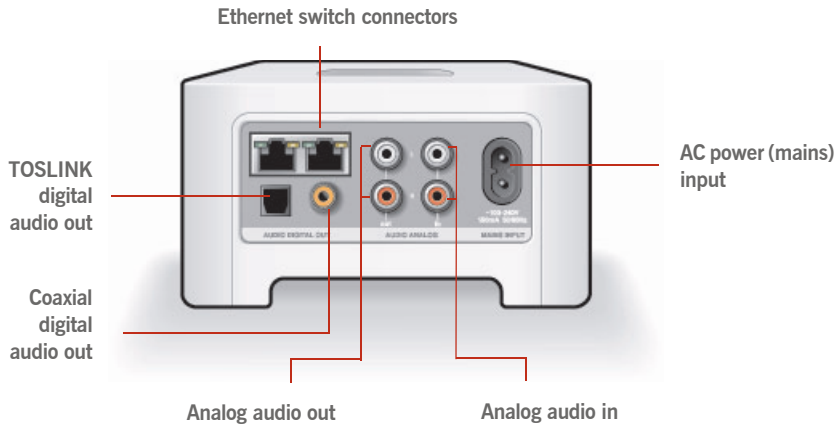
ZonePlayer 100 Rear Panel Connectors



Ethernet switch connectors (4)	Use Category 5 Ethernet cable to connect to a router, computer, or additional network device such as a network-attached storage (NAS) device. **LED indicators:** • **Green** (link connection) • **Flashing Yellow** (network activity)
Right speaker terminals	Use high-quality speaker wire to connect the right speaker to the ZonePlayer.
Left speaker terminals	Use high-quality speaker wire to connect the left speaker to the ZonePlayer.
Voltage select	**AC 115/230 V** Select the voltage setting that is appropriate for your country.
AC power (mains) input	Use the supplied power cord to connect to power outlet.

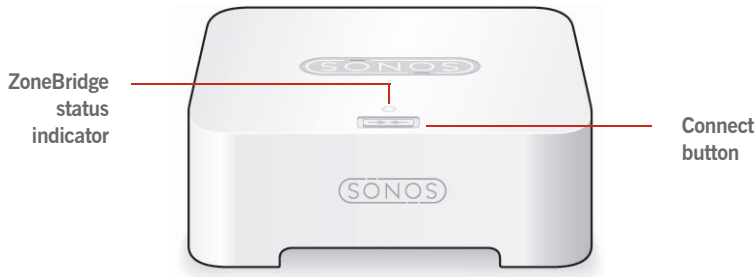
Analog audio out (fixed/variable)	Use a standard RCA audio cable to connect the ZonePlayer's analog audio outputs to the audio inputs on a separate audio component, such as an amplifier or your home theater receiver.
Analog audio in	Use a standard RCA audio cable to connect the audio outputs from a separate audio component such as a CD player, to the ZonePlayer's analog audio inputs.
Subwoofer output **Note:** If you disconnect your subwoofer, make sure to also disconnect the subwoofer's cable from the ZonePlayer output.	Connect a powered subwoofer to this output using a standard RCA cable. The system will detect when a cable is connected to the subwoofer output and adjust the crossover frequency automatically.

ZonePlayer 90/80 Rear Panel Connectors



Ethernet switch connectors (2)	Use Category 5 Ethernet cable to connect to a router, computer, or additional network device such as a network-attached storage (NAS) device.
AC power (mains) input (~100-240 V, 50-60 Hz)	Use the supplied power cord to connect to power outlet.
Analog audio in	Use a standard RCA audio cable to connect the audio outputs from a separate audio component such as a CD player, to the ZonePlayer's analog audio inputs.
Analog audio out (fixed/variable)	Use a standard RCA audio cable to connect the ZonePlayer's analog audio outputs to the audio inputs on a separate audio component, such as an amplifier or your home theater receiver.
TOSLINK® digital audio out	You can use a TOSLINK optical audio cable to connect the ZonePlayer's TOSLINK digital audio output to the audio inputs on a separate audio component, such as an amplifier or your home theater receiver.
Coaxial digital audio out	You can use a digital coaxial cable to connect the ZonePlayer's coaxial digital audio output to the audio inputs on a separate audio component, such as an amplifier or your home theater receiver.

ZoneBridge Front



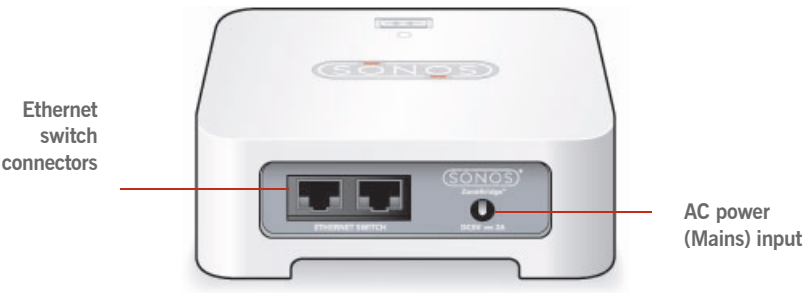
Connect button

Press the **Connect** button to join the ZoneBridge to your Sonos Multi-Room Music System.

ZoneBridge status indicator

- LED *Flashes white* when powering up; flashes green and white when connecting to your Sonos Multi-Room Music System.
- LED *Solid white* when powered up and connected to your Sonos Multi-Room Music System (normal operation).
- *LED Flashes amber* when a fault condition is detected.

ZoneBridge Rear Panel



Ethernet switch connectors (2)	Use Category 5 Ethernet cable to connect to a router, computer, or additional network device such as a network-attached storage (NAS) device.
AC power (mains) input	Use the supplied power adapter to connect to power outlet. Be sure to use the proper power adapter for your country.

Managing Zones

What Are Zones?

A zone is just another word for a room in your house—Sonos lets you enjoy music in up to 32 rooms, inside or out. We call them zones because you can group rooms together to play the same song in every room, or you can listen to different songs in every room. This means you can group the kitchen and the patio together while barbecuing, link all the rooms in the house together for a party, or leave all the rooms unlinked and let the kids can enjoy rap in their rooms while you listen to jazz in your office.

Zones can be managed from either the Desktop Controller software or a Sonos Controller. Use the **Zones** menu to:

- Select a zone to play some music in
- See the music that's currently playing in every room
- Link zones together to form a zone group
- Drop a zone from a zone group

Music will continue to play while you browse. The current zone is highlighted on your screen, and the music selections you make will play in that zone.

Zone Groups

A zone can be grouped together with any other zone(s) to form a zone group. This will cause all the zones in the zone group to play the same music in synchrony. You can link or drop zones from a group while the music is playing. You can also link all the ZonePlayers in your house with one touch by selecting **All Zones-Party Mode**.

Chapter 3

Linking zones

You can create a zone group first and then select music to play, or you can add a room to a zone group where music is already playing.

- Any zones you link will automatically drop their current music queue and begin to play the music queue from the highlighted zone. If you want to be able to play that music queue later, you can save it as a Sonos playlist before linking the zones. See "Sonos Playlists" on page 4-59.
- The order in which you group zones makes a difference. If you select **Link Zone** from a zone where there is no music playing, any zones you link to it will also be silent.

Using the Desktop Controller

Zones can be managed from either the **Zones** pane or the **Zones** menu.

1. From the **Zones** pane, highlight the zone you want to link to another zone or zone group.
2. Choose one of the following options:
   - Click **Link Zone,** or
   - From the **Zones** menu, select **Link Zone**.
3. Select a zone to add to the group. If you want to join all the rooms in your house to this music queue, select **All Zones-Party Mode.** All of your ZonePlayers will then play the same music in synchrony until you drop the zones from the zone group.

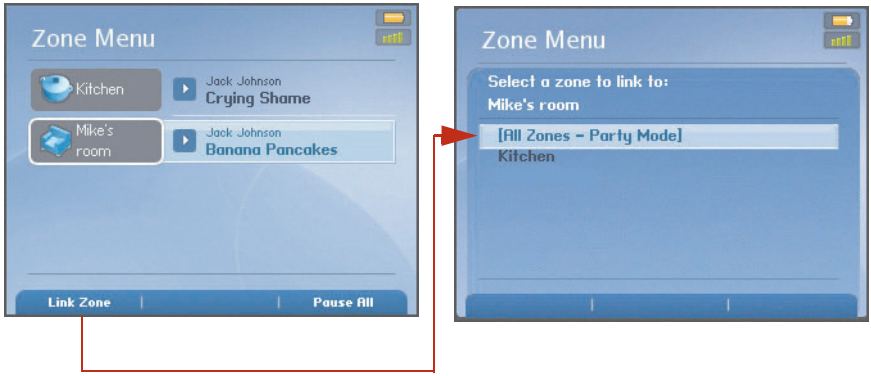
Using the Sonos Controller

1. Press the **Zones** button on your Controller.
2. Use the scroll wheel to highlight the zone or zone group that you want to add, and press **Link Zone**.

If you want to join all the zones in your house to this music queue, select **All Zones-Party Mode.** All of your ZonePlayers will then play the same music in synchrony until you drop the zones from the zone group.

Select zone where desired music is playing

Select zone to add to group

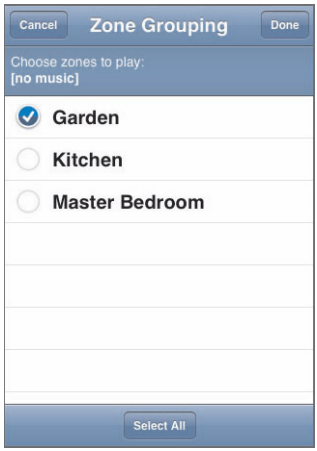


Using the Sonos Controller for iPhone/iPod touch

1. Tap the **Zones** button

.
2. Tap the **Zone Group**

button to the right of the zone you want to group (add more rooms to.)



If you want to join all the zones in your house to this music queue, simply tap **Select All** at the bottom of the **Zone Grouping** screen. All of your ZonePlayers will play the same music in synchrony until you drop the zones from the zone group.

Dropping zones

Using the Desktop Controller

1. From the **Zones** pane, highlight the zone group you want to change.
2. Choose one of the following options:
   - Click **Drop Zone**, or
   - From the **Zones** menu, select **Drop Zone**.
3. Select the zone you want to drop from the group. If you want to drop all the zones in the zone group, select **All Zones in Group.**

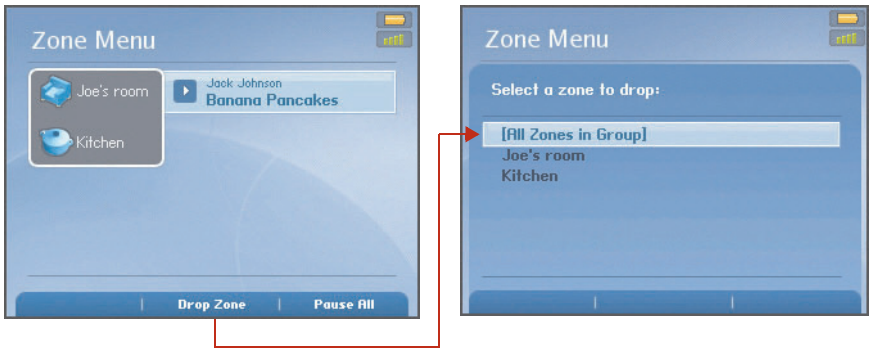
Using the Sonos Controller

1. Press the **Zones** button on your Controller.

2. Use the scroll wheel to highlight the zone group you want to change, and press **Drop Zone**.

3. Highlight the zone you want to drop from the group, and press **OK**. The room that's removed from the zone group stops playing music. The other zones in the zone group continue unaffected.

   You can drop all the ZonePlayers in a group with one touch by selecting **All Zones in Group**.

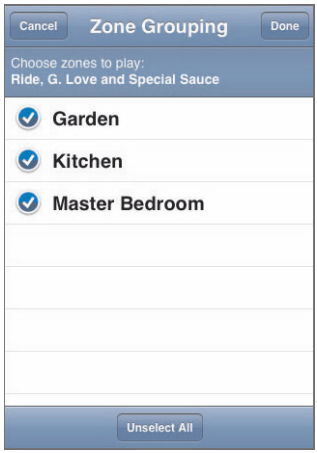


Select zone to drop from group

Using the Sonos Controller for iPhone/iPod touch

1. Tap the **Zones** button.

2. Tap the **Zone Group** Zone Group button to the right of the zone group you want to change.



3. Tap the checkmark beside the zone or zones you want to remove from the group (the checkmark will disappear). If you want to remove all zones from the group, you can tap **Unselect All** at the bottom of the Zone Grouping screen.

4. Tap **Done**.

   The rooms you removed from the group stop playing music. The other zones in the group continue unaffected.

Managing and Playing Music

Available Music Sources

- Library (shared folders on your home network)
- Music services
- Sonos playlists (music queues you have saved for future playback)
- Radio (Internet radio stations, radio shows, or podcasts)
- Line-in (external devices such as a CD player or a portable music player)

What is your music library?

Your music library includes digital music located anywhere on your home network such as:

- shared folders on your computer
- shared folders on another computer in your network
- network-attached storage (NAS) devices

You can browse your Music Library in various ways. You can enter search criteria to quickly find a particular music selection, or you can browse through a category hierarchy to make music selections.

Note: If a computer on your network is turned off or is in *standby* mode, the music folders on that computer will be unavailable to the Sonos Multi-Room Music System until the computer is turned back on.

Your selection choices include:

- Artists
- Albums
- Composers

Chapter 4

- Genres
- Tracks
- Imported Playlists
- Search
- Folders

What is a music queue?

When you make music selections, they are added to a list of tracks called a *music queue*. You can create a different music queue for each zone in your house, or you can create a zone group and play the same music across multiple zones. A play indicator appears to the left of the track currently playing in the music queue. When the current track ends, the next track in the queue starts to play, and play continues down through the list until the queue is completed. When you add selections to a queue, you can choose to play them now, play them next, add them to the end of the queue, or play them now and clear the queue of previous music selections.

What is a Sonos playlist?

A Sonos playlist is a music queue you create and then save for future listening. For example, you might want to create a *jazz* playlist, a *party* playlist, or an *easy listening* playlist.

What is radio?

Internet radio stations and radio shows are broadcasts provided by 3rd parties via the Internet. You can choose from thousands of radio stations and radio shows from around the globe, including archived shows and podcasts. You can also add your own favorite stations if they use streaming MP3 or WMA formats (not every radio station provides streams.)

What is Line-in?

You can connect an external line-in source such as a CD player, portable music player, or television to your Sonos Multi-Room Music System, and this audio can be streamed to any ZonePlayer(s) in your house.

Managing Music Folders

The Sonos Multi-Room Music System can play music from any computer or network-attached storage (NAS) device on your home network where you have shared music folders (music shares). During the setup process, you are guided through the process of accessing these shared music folders. Over time, you may wish to add or remove music folders from this list.

Music folders are indexed by the Sonos Multi-Room Music System so you can view your music by categories.

- You can add or remove the shared folders Sonos accesses music from at any time. You may need to make changes if you add a computer to your home network, or if you move shared folders from one location to another.
- If you add new music to a folder that is already indexed, simply *update your music index* to add this music to your library.
- To play music from imported playlists, drop the playlist file .PLS, .M3U or .WPL into the same music folder that you have shared to the Sonos system, update your music index, and the custom playlists will appear when you select **Imported Playlists** from the **Music** menu.

Using the Desktop Controller for Windows

Adding a shared folder

1. From the **Music** menu, select **Set Up Music Library**.

   The shared music folders that are currently available to your Sonos Multi-Room Music System appear.
2. Click **Add a Share**.
3. To add music that is *stored on this computer*, select **Add music stored on this computer**, and click **Next**.
   a. Click to highlight a music folder, and then click **Next**.
   b. Click **Next** to confirm.
   c. Click **Finish**.
4. To add music *stored on a remote computer* or a NAS device, select **Add music stored in folders that are currently shared on my network**.

a. Type the network path for the music folder (||*Name*|*Sharename*, where *Name* is the network name for your computer or NAS device, and *Sharename* is the name of the top level shared folder, or click **Browse** to search for it.

b. If it is not shared anonymously, enter the user name and password of a user with permission to access this folder, and click **Next**.

c. Click **OK** to confirm.

Removing a shared folder

1. From the **Music Library Setup** screen, highlight the share you want to remove from the list, and click **Remove**.
2. Click **Yes** to confirm.

Updating your music index

If you add new music to a music folder that is already indexed, you can update your music index in order to add this music to your library.

1. From the **Music** menu, select **Update Music Index Now**.
2. Click **Yes** to confirm.
3. The message, “Updating Music Index” appears at the bottom of the screen. When the update is complete, the message “Ready” appears.

Resetting music library permissions

Some music services may automatically change the permissions on your music folders when you add new music, so that Sonos can no longer access your music. If your music service does this, you can change the preference setting below to allow Sonos to reset permissions when your music index is updated. You should not set this preference unless you need to, as it takes longer to update your music index when this box is checked.

1. From the **File** menu, select **Preferences**.
2. Click the **Advanced** tab.
3. Check the **Fix Permissions when updating the music index on this computer** box, and click **OK**.

Scheduling music index updates

You can set your music system to automatically update your music index at the same time each day.

1. From the **Music** menu, select **Schedule Music Index Updates**.

Select the time you would like your music index to automatically update, and click OK.

Using the Desktop Controller for Macintosh

Depending upon where your music is stored, you may be asked to provide an administrator name and password to allow access to your music folders.

If your Macintosh computer does not have *Windows Sharing* enabled, the Desktop Controller software will guide you through the process of enabling it. Your music files are never copied from their current locations - your folders are simply shared so they can be accessed by your Sonos Multi-Room Music System.

Adding a shared folder

1. From the **Music** menu, select **Set Up Music Library**.

The shared music folders that are currently available to your Sonos Multi-Room Music System appear.

2. Select **Add**.
    - To add music stored *in your Music folder*, select **In my Music folder**, and select **Continue**. Click the **Lock** icon to enter your administrator password. If your computer does not currently allow Windows Sharing, you will be prompted to enable it. If you have used iTunes Preferences to change where you store iTunes music, this option will appear as **In my iTunes Music folder** instead.
    - To add music stored *elsewhere on your computer*, select **On my computer or an external drive connected to my computer**, and select **Continue**. Select **Browse** to choose a folder, and then select **Continue**.
    - To add music stored *on a different computer or a NAS device*, select **On a networked device such as a network-attached storage (NAS) device on my network**, and select **Continue**. Type the path name (||*Name*|*Sharename*, where *Name* is the network name for your computer or NAS device, and *Sharename* is the name of the top level shared folder.) If this folder is not shared anony-

mously, type the user name and password of a user with rights to access this music folder.

Removing a shared folder

1. From the **Music** menu, choose **Set Up Music Library**.
2. Select the folder you want to stop accessing music from, and select **Remove**.
3. Select **Remove** to confirm.
4. You may be asked to provide an administrator name and password.
5. Select **Done** when you have no more folders to remove from the list.

Updating your music index

If you add new music to a music folder that is already indexed, you can update your music index in order to add this music to your Sonos music library.

1. From the **Music** menu, select **Update Music Index Now**.
2. Select **Update**.

   The message "Updating Music Index" appears at the bottom of the window. When the update is complete, the message disappears.

Scheduling music index updates

You can set your music system to automatically update your music index at the same time each day.

1. From the **Music** menu, select **Schedule Music Index Updates**.
2. Select the time you would like your music index to automatically update, and press **OK**.

Using the Sonos Controller 100

Viewing shared folders

From the **Music** menu, select **System Settings**>**Music Library Management**>**Music Library Setup**.

The shared music folders that are currently accessible to your Sonos Multi-Room Music System are displayed. (If a computer on your network is turned off or is in

sleep or *standby* mode, the music on that computer will be unavailable to the Sonos Multi-Room Music System until the computer is turned back on.)

Adding a shared folder from the list

1. To make another shared folder available to your Sonos Multi-Room Music System, select **Add New** from the **Selected Shared Folders** screen. Your network will be scanned for shared folders that your music system is not currently accessing.
2. To select a shared folder from the displayed list, use the scroll wheel to highlight the folder, and press **OK**.

   If this shared folder does not require a user name and password, press **OK** and the selected folder is added to your music system.

   If this shared folder requires a user name and password:

   - Use the scroll wheel to highlight the **Username** field and press **Type**.
   - Type the name of a user with permission to access this folder, and then press **Accept**.
   - Use the scroll wheel to highlight the **Password** field and press **Type**.
   - Type the password associated with this user, and then press **Accept**.

Adding a shared folder not displayed

1. Select **Add New**>**Enter New**.

2. Press **Type...** to enter the path for the shared folder, and then press **Accept** (path example: *Name**Sharename*, where *Name* is the network name for your

computer or NAS device, and *Sharename* is the name of the top level shared folder, such as *inkstation**music_share*.)

3. Press **OK**.

   If this folder is not shared anonymously, you will need to enter a user name and password:

   - Use the scroll wheel to highlight the **Username** field and press **Type**.
   - Type the name of a user with permission to access this folder, and then press **Accept**.
   - Use the scroll wheel to highlight the **Password** field and press **Type**.
   - Type the password associated with this user, and then press **Accept**.

Stop accessing a shared folder

1. From the **Music** menu, select **System Settings**>**Music Library Management**>**Music Library Setup**, and press **OK**.

   The shared music folders that are currently accessible to your Sonos Multi-Room Music System are displayed.

2. Use the scroll wheel to select the folder you wish to stop using, and press **Remove**.
3. Press **OK**.

Your music folder will remain untouched on your computer. However, you will no longer be able to access it from the Sonos Multi-Room Music System.

Updating the music index

During the setup process, all of your available music folders are indexed for easy selection. If you add new music to a folder that is already indexed, you can simply update your music index to add the new music to your Sonos music library.

1. From the **Music Menu**, select **System Settings**, and press **OK**.
2. Use the scroll wheel to highlight **Music Library Management**>**Update Music Index Now**, and press **OK**.
3. Select **Yes**, and press **OK**.

The message, “updating music index” appears at the bottom of your Controller screen. When the message disappears, your new music is available.

Scheduling automatic updates

1. From the **Music Menu**, select **System Settings**, and press **OK**.
2. Select **Music Library Management**.
3. From the **Music Library Management** menu, select **Schedule Music Index Update** — select **On**, and then press **OK**.
4. Select **Music Index Update Time**, and press **OK**.
5. Use the scroll wheel to select the time you would like your music index to update each day, pressing **OK** after each entry.

   Your music index will automatically update at the selected time each day.

To turn off automatic music index updates, select **Off** from the **Schedule Music Index Update** menu option.

Using the Sonos Controller for iPhone

Adding a shared folder

1. To make another shared folder available to your Sonos Multi-Room Music System, select **System Settings**>**Music Library Management**>**Music Library Setup**.
2. Tap **Add New Share.**
3. Choose one of the following options:
   - Tap **Scan my network for shares** to search for shared folders on your network that your music system is not currently accessing. Touch to select a share from the list. If prompted, type a user name and password and then tap **Done**.
   - Tap **Enter the location of a share** to add a new share that is not currently displayed as an option.
     - Touch the path field to type the path for the shared folder (example: *computer**sharename*, where *computer* is the network name for your computer or NAS device, and *Sharename* is the name of the top level shared folder, such as *inkstation**music_share*.) If prompted, type a user name and password and then tap **Done**.

Stop accessing a shared folder

1. From the **Music Menu**, tap **System Settings**>**Music Library Management**>**Music Library Setup**.

   The shared music folders that are currently accessible to your Sonos Multi-Room Music System are displayed.

2. Tap the folder you wish to stop using, and tap **Remove**.

Your music folder will remain untouched on your computer, but you will no longer be able to access it from the Sonos Multi-Room Music System.

Updating the music index

During the setup process, all of your available music folders are indexed for easy selection. If you add new music to a folder that is already indexed, simply update your music index to add the new music to your Sonos music library.

1. From the **Music Menu**, tap **System Settings**.
2. Tap **Music Library Management**>**Update Music Index Now**.
3. Tap **Yes**.

Selecting from Music Library

Using the Desktop Controller for Windows

Browse

Note: The music you select will play in the zone or zone group that's highlighted in the **Zones** pane.

1. From the **Zones** pane, click to highlight the zone you want to play music in.
2. Choose one of the following options:
   - From the **Music Library** pane, click the **Library** tab,

or

   - From the **Music** menu, click **Music Library**.

Click to expand the music tree for any selection.

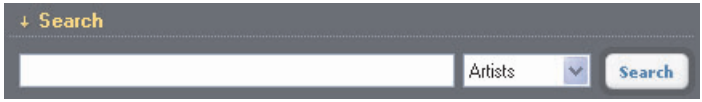
3. Use the mouse to move through the categories until you reach the choice you want.
4. Highlight the music selection and choose one of the following options:
   - Select **Play Now** to play the music now.
   - Select **Add to Queue** to add it to the end of your music queue.
   - Right-click and select **Play Next** to add it to the music queue as the next selection to play.
   - Right-click and select **Play Now and Replace Queue** to remove the contents of the current queue and replace it with this selection.

Search

1. From the **Zones** pane, select the zone you want to play music in.
2. Choose one of the following options:
   - From the **Music Library** pane, click the **Library** tab,

or

   - From the **Music** menu, click **Music Library**.
3. Click **Search**.



4. Enter your search criteria (full or partial), select the category you wish to search (artists, albums, composers, or tracks), and click **Search**.

You can *drag and drop* selections directly from the music library to the queue. Highlight a selection, and while holding down the mouse, drag the selection to the music queue, and then release.

Note: You can add tracks to a music queue while listening to other music.

Using the Desktop Controller for Macintosh

Browse

1. From the **Zones** pane, select the zone you want to play music in.
2. Choose one of the following options:
   - From the **Music Library** pane, select the **Library** tab, or
   - From the **Music** menu, select **Library**.
3. Use the mouse to move through the categories until you reach the choice you want.

Select to expand the music outline for any selection.

4. To play all songs by an artist, on an album, or in a genre, select what you'd like to play, and then select **Play Now** to play the music now, or **Add to Queue** to add it to your music queue.
   - You can select **Play Now and Replace Queue** from the **Music** menu
   - You can *drag and drop* selections directly from the music library to the queue. Highlight a selection, and while holding down the mouse, drag the selection to the music queue, and then release

Note: You can add tracks to a music queue while listening to other music.

If you've previously saved music queues as Sonos playlists, you can browse these playlists using the **Sonos Playlists** tab.

Search

1. From the **Zones** pane, select the zone you want to play music in.
2. Choose one of the following options:
   - From the **Music Library** pane, select the **Library** tab,

or

   - From the **Music** menu, select **Library**.

3. Click **Search**.

4. Click the magnifying glass icon to select the category you wish to search (artists, albums, composers, or tracks).
5. Enter your search criteria (full or partial), and then press the **ENTER** key.

Drag and drop

You can *drag and drop* selections directly from the music library to the queue. Highlight a selection, and while holding down the mouse, drag the selection to the music queue, and then release.

Note: You can add tracks to a music queue while listening to other music.

Using the Sonos Controller 100

Browse

1. From the **Zone** menu, use the scroll wheel to highlight the zone you want to play music in, and then press the **Music** button.
2. Select **Music Library**, and press **OK**.

Note: The music you select will play in the zone or zone group that is currently showing at the top of your Controller screen.

3. Use the scroll wheel to browse the music library. Press **OK** to *drill down* through the menus until you find the desired selection.

The OK button

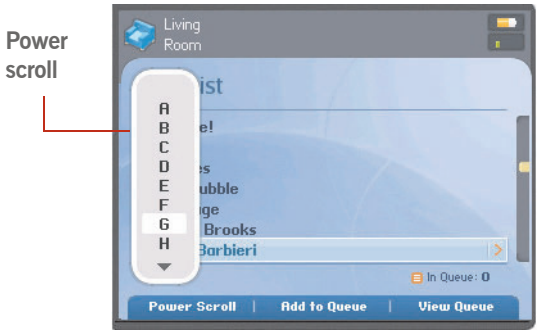
The **OK** button on the handheld Sonos Controller is used to make music selections.You can change the action of the **OK** button by selecting **System**

Settings>**Controller Settings**>**OK Button** from the **Music Menu**. Preference settings include:

- *Show Menu*. When you press **OK**, an options menu will always appear so that you can choose from the following:
  - **Play Now** which stops playing the current selection in the queue to play this music selection
  - **Play Next** which places this selection next in the queue
  - **Add to End of Queue** which places this selection at the end of the music queue
  - **Play Now and Replace Queue** which plays this selection now and also clears the current queue of previous music selections
- *Play Now*. When you press **OK**, the selection will always begin to play immediately.
- *Add to End of Queue*. When you press **OK**, the selection will always be added to the end of your music queue.

Power scroll

1. You can select **Power Scroll** for an alphabetical list to make browsing faster.



2. To play all songs by an artist, on an album, or in a genre, highlight the selection and select **Add to Queue**, or press **OK**.

3. If you've created Sonos playlists (tracks you've organized into lists), you can play them anytime by selecting **Sonos Playlists** from the **Music Menu**. For more information, see "Sonos Playlists" on page 4-93.

Note: If you have uncompressed files in your music collection, they may only be available for browsing and/or selection via **Track** or **Browse by Folder**, as uncompressed files may not contain detailed information such as artist, title and genre.

4. Press the **Back** button to return to the previous music selection screen.

Search

You can use the Search feature to look for music selections within your **Music Library**, **Napster**, or **Rhapsody**.

1. From the **Music Menu**, select the music source your want to search (Music Library, Napster, or Rhapsody.)
2. Select **Search**, and press **OK**.
3. Use the scroll wheel to select your search criteria (artists, albums, [composers], or tracks), and press **OK**.
4. Type a full or partial name, and press **Search**.
5. If you do not receive any search results, press the **Back** button to try again.

Using the Sonos Controller for iPhone

Browse

1. From the **Zone** menu, select the zone you want to play music in, and then tap the **Music** button.
2. Tap **Music Library**.

Note: The music you select will play in the zone or zone group that is currently showing at the top of your display.

Tap a selection to *drill down* through the menus (dragging and/or flicking with your finger to browse a list), until you find the desired selection. You can select all songs by an artist, all songs on an album, all songs in a genre, or drill down to select individual tracks.

Making a selection

Simply tap a music selection, and select the desired action:

- **Play Now**—stops playing the current selection (if one is playing) to play this selection
- **Play Next**—plays this selection next
- **Replace Queue**—plays this selection now and clears the current queue of previous music selections
- **Add to Queue**—places this selection at the end of the music queue

If you've created Sonos playlists (saved queues), you can play them anytime by selecting **Sonos Playlists** from the **Music Menu**. For more information, see "Sonos Playlists" on page 4-93.

Note: If you have uncompressed files in your music collection, they may only be available for browsing and/or selection via **Track** or **Browse by Folder**, as uncompressed files may not contain detailed information such as artist, title and genre.

Power scroll

When scrolling through a long list, you can tap any letter to the right of the list to make alphabetic browsing faster.

1. Drag your finger through the list to the letter you desire, and then tap the letter to move immediately to the selections that begin with that letter.

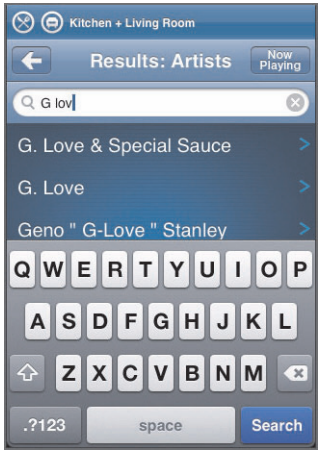
Power scroll *- select a letter to make browsing faster*

2. Tap the **Back** button to return to the previous music selection screen.

Search

You can use the Search feature to look for music selections within the **Music Library**, **Napster**, or **Rhapsody**.

1. From the **Music Menu**, tap the music source your want to search (Music Library, Napster, or Rhapsody.)
2. Tap **Search**, and then select your search criteria (artists, albums, composers, or tracks).
3. Type a full or partial name, and then tap **Search**.



4. If you don't receive the desired search results, you can tap the **Back** button to try again.

Music Library Preferences

Sort folders by preference

You can set the sorting preference for music folders that are accessible from your music library. You can choose to sort by:

- Track name

- Track number
- Filename

Using the Desktop Controller

1. From the **File** menu (Windows) or **Sonos** menu (Macintosh), select **Preferences**.
2. Click the **Library** tab, and select your sort order preference from the drop-down **Sort By** field.

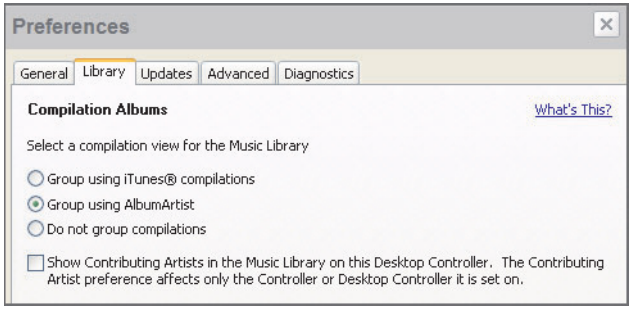
Using the Sonos Controller

1. From the **Music Menu**, select **System Settings**>**Advanced Settings**>**Sort Folders By**.
2. Select your sort order preference, and then press **OK**.

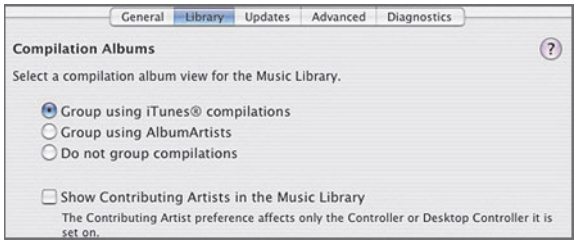
Compilation albums

If your music collection contains compilations and soundtracks, you may want to group these songs together in your music library instead of viewing them by individual artist. This means that any artists that appear solely on compilations will not appear in your *Artists* list. There are two ways you can group compilations within Sonos:

Desktop Controller for Windows


Preferences
General
Library
Updates
Advanced
Diagnostics
Compilation Albums
What's This?
Select a compilation view for the Music Library
Group using iTunes® compilations
Group using AlbumArtist
Do not group compilations
Show Contributing Artists in the Music Library on this Desktop Controller. The Contributing Artist preference affects only the Controller or Desktop Controller it is set on.

Desktop Controller for Macintosh


General
Library
Updates
Advanced
Diagnostics
Compilation Albums
Select a compilation album view for the Music Library.
Group using iTunes® compilations
Group using AlbumArtists
Do not group compilations
Show Contributing Artists in the Music Library
The Contributing Artist preference affects only the Controller or Desktop Controller it is set on.

Group using iTunes® compilations

iTunes normally organizes your iTunes Music folder as *[Artist]/[Album]/[Track name].* iTunes has a feature that allows you to group your compilations albums together. This will organize your compilations and soundtrack albums as *[Compilations]/[Album]/[Track name].*

Within iTunes:

1. Mark individual tracks as being part of compilations by highlighting the track and then selecting **File>Get Info**.
2. Check the **Part of a compilation** checkbox.
3. From iTunes **Preferences**, check the **Group Compilations When Browsing** checkbox. This will group the tracks you've marked as compilations.

Within Sonos:

You can organize your Sonos music library to use this iTunes compilation view.

Using the Desktop Controller

1. Select **File (or Sonos)>Preferences**.
2. From the **Library** tab, select **Group using iTunes compilations**.
3. If you would like to see the individual artists displayed in a *Contributing Artist* view, check the **Show Contributing Artists in the Music Library** checkbox. If this box is not checked, the Contributing Artists view will not display.

Using the Sonos Controller

1. From the **Music Menu**, select **System Settings**>**Music Library Management**> **Compilation Albums**.
2. Select **Group Using iTunes Compilations**, and press **OK**.

Group using AlbumArtists

Windows Media Player, as well as some other players, use the Album Artist category to group compilations and soundtrack albums (the Album Artist is the person, group or composer the album would be filed under in a store.)

You can organize your Sonos music library to use the AlbumArtist compilation view.

Using the Desktop Controller

1. Select **File (or Sonos)>Preferences**.
2. From the **Library** tab, select **Group using AlbumArtists**.
3. If you would like to see the individual artists displayed in a *Contributing Artist* view, check the **Show Contributing Artists in the Music Library** checkbox. If this box is not checked, the Contributing Artists view will not display.

Using the Sonos Controller

1. From the **Music Menu**, select **System Settings**>**Music Library Management**> **Compilation Albums.**
2. Select **Group Using AlbumArtist**, and then press **OK**.

Do not group compilations

If you choose not to group compilation albums, the individual artists will display within your *Artists* view.

Using the Desktop Controller

1. Select **File (or Sonos)>Preferences**.
2. From the **Library tab**, select **Do not group compilations**. All of the individual artists will then appear in the **Artists** view.

Using the Sonos Controller

1. From the **Music Menu**, select **System Settings**>**Music Library Management**> **Compilation Albums.**
2. Select **Do not group compilations**, and then press **OK**.

Contributing artists

Contributing Artists are those who appear on individual tracks within an album, including those on a compilation or soundtrack album. You can set your preferences to show or hide these individual artists within a **Contributing Artists** view.

Using the Desktop Controller

1. Select **File (or Sonos)>Preferences**.
2. From the **Library** tab, check or uncheck the **Show Contributing Artists in the Music Library** checkbox. If this box is not checked, the Contributing Artists view will not display.

The **Show Contributing Artists** preference setting you select applies only to this Desktop Controller. If you have another Desktop or handheld Controller, you can select a different Contributing Artist view for it.

Using the Sonos Controller

1. From the **Music Menu**, select **System Settings>Music Library Management> View Contributing Artists.**
2. Select **On** or **Off,** and press **OK**.

The **View Contributing Artists** preference setting you select applies only to this handheld Controller. If you have another Desktop or handheld Controller, you can select a different Contributing Artist view for it.

Using the Sonos Controller for iPhone/iPod touch

Contributing Artists are those who appear on individual tracks within an album, including those on a compilation or soundtrack album. You can set your preferences to show or hide these individual artists within a **Contributing Artists** view.

1. From the **Music Menu**, tap **System Settings>Music Library Management>View Contributing Artists.**
2. Tap **On** or **Off**.

The **View Contributing Artists** preference setting you select applies only to this Controller. If you have another Sonos controller, you can select a different Contributing Artist view for it.

Imported playlists

The Sonos Multi-Room Music System is compatible with iTunes playlists as well as M3U, WPL and PLS playlist files created with third-party software (e.g. iTunes, WinAmp, Windows Media Player, etc.).

The Sonos Multi-Room Music System does not change music or playlist files created by other applications; these files are always treated as “read-only”.

M3U, WPL and PLS support

- Using the Desktop Controller, you can view your playlists by selecting **Imported Playlists** from the **Library** tab.
- Using your handheld Controller, you can select **Imported Playlists** from the **Music Library**.
- Using an iPhone or iPod touch, you can select **Music Library>Imported Playlists** from the **Music Menu**.
- If they are not visible, they are probably not located in a folder you currently have shared to the Sonos Multi-Room Music System. Move the playlist file .PLS, .M3U or .WPL into the same music folder that you have shared to the Sonos system, update your music index, and the custom playlists will appear when you select **Imported Playlists** from your music library. See "Managing Music Folders" on page 4-3 for additional information.

iTunes support

- Using the Desktop Controller, you can view your iTunes playlists in the Sonos Multi-Room Music System by selecting **Imported Playlists** from the **Library** tab.
- Using your handheld Controller, select **Imported Playlists** from the **Music Library**.
- When you make changes to your iTunes playlist(s), exit iTunes, and then update your Sonos music index in order to see the changes (see "Updating the music index" on page 4-8.)
- iTunes playlists will automatically be imported into the Imported Playlists menu on both the Sonos Controller and Sonos Desktop Controller (for Windows), as long as your '*iTunes Music Library.xml*' file is shared along with your music to the Sonos system. For typical iTunes installations, this file is located

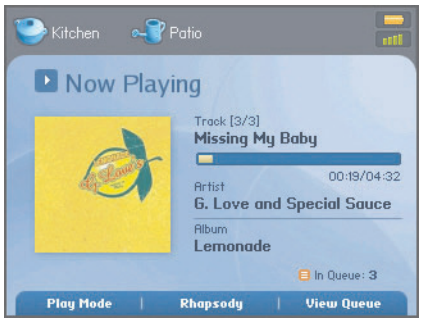
in the iTunes folder.

- Sonos is unable to play tracks purchased from the iTunes Music Store as they are protected by Apple's proprietary Digital Rights Management (DRM) scheme.

For additional information, browse our Frequently Asked Questions (FAQ) pages or Forums at ***www.sonos.com/support***.

Managing the Music Queue

Once you have added tracks to a queue, you can make changes to the music queue using the playback buttons, the **Play** menu options, or the queue control buttons.



*The music you select will play in the zone or zone group that is currently showing at the top of your screen. To change zones, press the **Zones** button.*

*Once you have added selections to a music queue, you can make changes to the queue list by pressing the **View Queue** soft button.*

Removing a track from the queue

Using the Desktop Controller

1. From the **Queue** pane, select the song you want to remove from the music queue.

2. Choose one of the following options:
   - Click **Remove Track**, or
   - Select **Queue**>**Remove Track** from the **Play** menu.

The song disappears from the queue list.

Using the Sonos Controller

1. Press **View Queue**.
2. Use the scroll wheel to highlight the song you want to remove from the queue.
3. Press **Edit Queue**.
4. Select **Remove Track**, and press **OK**.

The song disappears from the queue list.

Using the Sonos Controller for iPhone/iPod touch

1. Tap the **Queue** icon at the bottom of the **Now Playing** screen to display the music queue.
2. Tap **Edit**.
3. Flick through the list to locate the track you want to remove from the queue.
4. Tap the edit icon to the left of the track, and then tap **Delete**.

The song disappears from the queue list.

Moving a track within the queue

Using the Desktop Controller

1. Click the left-mouse button and, while holding, drag the track you want to move within the queue.
2. Drag it up or down to the desired location, and then release.

Using the Sonos Controller

1. Press **View Queue**.
2. Use the scroll wheel to highlight the song you want to move within the queue.
3. Press **Edit Queue**.

4. Select **Move Track**.

5. Use the scroll wheel to move through the queue until you find the location you'd like to move the track to.
6. Press **Place Track**.

Using the Sonos Controller for iPhone/iPod touch

1. Tap the **Queue** icon at the bottom of the **Now Playing** screen.
2. Tap **Edit**.

3. Flick through the list to locate the track you want to move.
4. Tap and hold the move icon to the right of the track.

5. Drag the track to a new location in the queue and then let go of the button.

Clearing the music queue

Using the Desktop Controller

Choose one of the following options:

- Click **Clear Queue** from the bottom of the **Queue** pane, or
- From the **Play** menu, select **Queue**>**Clear Queue**.

This will clear the entire queue in the selected zone and the music will stop playing.

Using the Sonos Controller

1. Press **View Queue**.
2. Press **Clear Queue**, and select **Yes** to verify.

This will clear the entire queue in the selected zone and the music will stop playing.

Using the Sonos Controller for iPhone/iPod touch

1. Tap the **Queue** icon at the bottom of the **Now Playing** screen to display the music queue.
1. Tap the **Clear** button.
2. Tap **Clear** to verify your selection.

This will clear the entire queue in the selected zone and the music will stop playing.

Changing the play mode

Using the Desktop Controller

Click the **Shuffle** or **Repeat** buttons displayed in the **Now Playing** pane to change the play mode.

The selected play mode appears as an icon in the **Now Playing** pane.

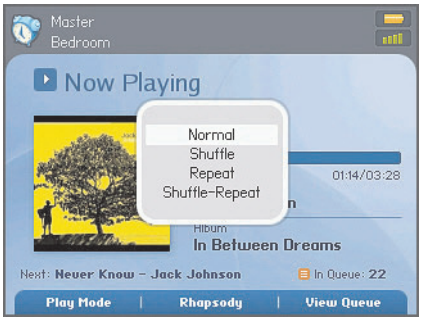
Shuffle. Plays the tracks in the music queue in a random order.

Repeat. Repeats the music queue after the last track has finished.

Shuffle Repeat. Shows that both play modes are activated.

Using the Sonos Controller

1. From the **Zones** menu, press **OK** to display the **Now Playing** screen.
2. Press **Play Mode**.



3. Use the scroll wheel to select a play mode, and press **OK**.

The selected play mode appears as an icon on the **Now Playing** screen.

Shuffle. Plays the tracks in the music queue in a random order.

Repeat. Repeats the music queue after the last track has finished.

Shuffle-Repeat. Shows that both play modes are activated.

Using the Sonos Controller for iPhone/iPod touch

1. Display the **Now Playing** screen.
2. Tap the album cover to display the shuffle and repeat controls, as well as the track progress bar.
3. Tap the **Shuffle** and/or **Repeat** icons to change the play mode.

The play mode icons brighten white while activated.

Shuffle. Plays the tracks in the music queue in a random order.

Repeat. Repeats the music queue after the last track has finished.

Viewing large album art

Using the Desktop Controller

From the **Now Playing** window, click the album art to enlarge it.

Using the Sonos Controller

From the **Now Playing** screen, press the **OK** button.

Music Services

A music service is an online music store or online service that sells audio on a per-song, per audiobook, or subscription basis. Sonos is compatible with several music services— you can visit our Website at ***www.sonos.com/howitworks/music/partners/***

default.aspx for the latest list of compatible music services. (Some music services may not be available in your country. Please check the individual music service's Web site for more information.

To activate any of the free music service trials that are included with your Sonos system, your Sonos system must be registered. If you have not yet registered, you can go to "System Registration" on page 1-5 for help with this step.

- If you are an Audible user, see "Audible.com®" on page 4-35 for more information.
- If you are a Deezer user, see "Deezer" on page 4-39 for more information.
- If you are a Last.fm user, see "Last.fm" on page 4-40 for more detail.
- If you are a Pandora user, see "Pandora®" on page 4-54 for more detail.
- If you would like to learn more about Napster, see "Napster®" on page 4-41 for more detail.
- If you would like to learn more about Rhapsody, see "Rhapsody®" on page 4-66 for additional detail.
- If you would like to learn more about SIRIUS, see "SIRIUS®" on page 4-78 for more detail.
- If you subscribe to a music service that is not listed above, see "Adding a compatible music service" on page 4-30 for more information.
- If you are a Windows Media Player 11 user, see "Windows Media® Player 11" on page 4-91 for more information.

If the **Music Services** tab is not displayed in the Music Library pane, see "Showing/hiding the Music Services tab" on page 4-32.

If you don't currently have a music service enabled, you can click the **Get Music** button to browse the latest online music and audio services available for use with the Sonos Multi-Room Music System.

Activating a music trial

Free music service trials are available in some countries. (Please check the individual music service's Web site for more information.) If there is a music service trial available on your Controller, simply follow the steps below to activate it. After the trial

period is up, you will need to subscribe to the music service to keep the music playing.

Using the Desktop Controller

1. From the **Music Library,** click the **Music Services** tab.
2. Select the music trial you would like to activate (for specific setup instructions, go to "Napster®" on page 4-41, "Rhapsody®" on page 4-66, or "SIRIUS®" on page 4-78). Once you accept the service's terms and conditions, your free trial account will be valid for 30 days.

Using the Sonos Controller

1. From the **Music Menu**, select **Music Service Trials**.
2. Select the music trial you would like to activate, and press **OK**.
3. Follow the on-screen prompts to start your trial.

Using the Sonos Controller for iPhone/iPod touch

1. From the **Music Menu**, tap **More Music...**
2. Tap the music trial you would like to activate.
3. Follow the on-screen prompts to start your trial.

Adding a compatible music service

If you are currently subscribed to a music service that's compatible with Sonos, simply add your music service user id and password information to Sonos and you'll have instant access to the music service from your Sonos system. To see the latest list of compatible music services, you can go to ***www.sonos.com/howitworks/music/partners/default.aspx***.

Note: If you are adding Deezer account information, your user name is the email address you signed up with when you set up your Deezer account. It is ***not*** your Deezer nickname.

Using the Desktop Controller for Windows

1. From the **Music** menu, select **Set Up Music Services**.

   The music services that are currently configured to work with your Sonos system are displayed.

2. Press the **Add** button.
3. Select the Sonos-compatible music service you would like to add, and click **Next**.
4. Enter your music service user name and password, and click **Next**.

Your user name and password will be verified with the music service. Once your credentials have been verified, you can click the **Music Services** tab, select your music service, and make a music selection.

Using the Desktop Controller for Macintosh

1. From the **Music** menu, select **Set Up Music Services**.

   The music services that are currently configured to work with your Sonos system are displayed.
2. Press the **Add** button.
3. Select the Sonos-compatible music service you would like to add, and click **Continue**.
4. Enter your music service user name and password, and click **Continue**.

Your user name and password will be verified with the music service. Once your credentials have been verified, you can press the **Music Services** tab, select your music service, and make a music selection.

Using the Sonos Controller

1. From the **Music Menu,** select **System Settings>Music Service Setup**.

   The music services that are currently configured to work with your Sonos system are displayed.
2. Select **Add**.
3. Use the scroll wheel to select the Sonos-compatible music service you would like to add, and press **OK**.
4. Enter your music service user name, and then press **Accept.**
5. Enter your music service password, and then press **Accept**.

Your user name and password will be verified with the music service. Once your credentials have been verified, you can press the **Music** button, select your music service, and make a music selection.

Using the Sonos Controller for iPhone/iPod touch

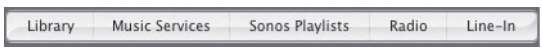
1. From the **Music Menu,** tap **More Music...**
2. Tap to select the Sonos-compatible music service you would like to add.
3. Tap **I have an account**.
4. Type your music service user name and password, and then tap **Done**.

Your user name and password will be verified with the music service. Once your credentials have been verified, you can select your music service from the **Music Menu** to make a music selection.

Note: If your music service does not appear when you click the **Music Services** tab, your firewall may be preventing Sonos from accessing it. See "Firewall Information" on page 5-10 or go to ***http://faq.sonos.com/firewall*** for additional information.

Showing/hiding the Music Services tab

Desktop Controller for Windows

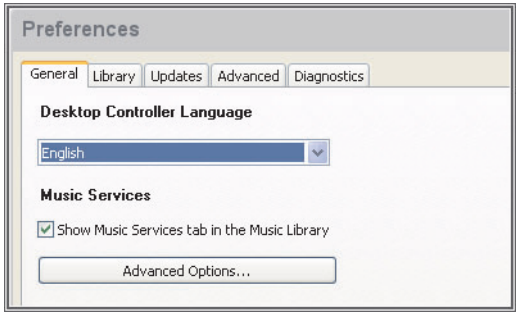


Desktop Controller for Macintosh

You can change your preference setting to show or hide the **Music Services** tab in the **Music Library** pane of your Desktop Controller software. If you are not currently subscribed to a music service, you may wish to hide this tab.

Using the Desktop Controller for Windows

1. Go to **File**>**Preferences**>**General** and check or uncheck the **Show Music Services tab in the Music Library** box.



Using the Desktop Controller for Macintosh

- Go to **Sonos**>**Preferences**>**General** and check or uncheck the **Show the Music Services tab in the Music Library** box.

Note: If your music service does not appear when you click the **Music Services** tab, your firewall may be preventing Sonos from accessing it. See "Firewall Information" on page 5-10 or go to ***http://faq.sonos.com/firewall*** for additional information.

Your music service password

If you want to change the password for a music service you subscribe to, such as Napster, Rhapsody, or SIRIUS, **you must first change the password with your music service provider.**

Go to your music service provider's Web site, and change your password in the account settings. Once you've changed your password there, update your Sonos system by selecting one of the following options:

- Using the Desktop Controller software, select **Set Up Music Services** from the **Music** menu. Highlight the music service you wish to update, and click the **Edit** button.
- Using the Sonos Controller CR100, select **System Settings**>**Music Service Setup**. Highlight the music service you wish to update, and select **Edit.**
- Using the Sonos Controller for iPhone/iPod touch, select **System Settings**>**Music Service Setup**>**Your Services**. Select the music service you wish to update, and select **Change Password.** Type the new password, and then tap **Done.**

Note: If you don't change your password with the music service first, it won't work on your Sonos Multi-Room Music System.

Removing a music service trial

When a music service trial expires, you may wish to remove the expired trial from your Sonos system.

Using the Desktop Controller

1. From the **Music** menu, select **Set Up Music Services**.
2. Select the music trial you wish to remove, and click the **Remove** button.

Using the Sonos Controller

1. From the **Music** menu, select **Music Service Trials.**
2. Use the scroll wheel to select the music trial you wish to remove, and press **Manage**.
3. Select **Remove the trial**, and press **OK**.

4. Select **Yes** to confirm.

Using the Sonos Controller for iPhone

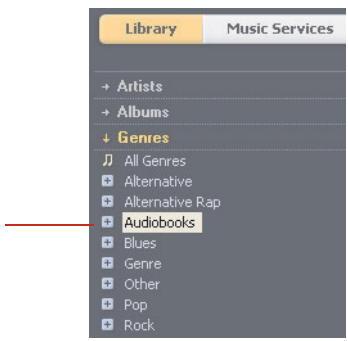
1. From the **Music Menu**, tap the music service trial you want to delete.
2. Tap **Manage**.
3. Tap **Remove trial**.

Audible.com®

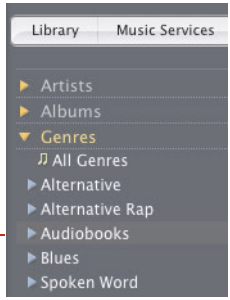
The Sonos Multi-Room Music System is compatible with Audible, Inc. (Format 4 file downloads only.) If you are interested in signing up for Audible's spoken word audio services, go to ***www.audible.com*** for more information.

Once you add your Audible account information to Sonos, you can view your Audible files through the *genre* category.

- Using the Desktop Controller—from the **Music Library**, select **Library**> **Genres**, and then select **Audiobooks**.
- Using a handheld Controller—from the **Music** menu, select **Music Library**> **Genres**>**Audiobooks**.



Desktop Controller for Windows

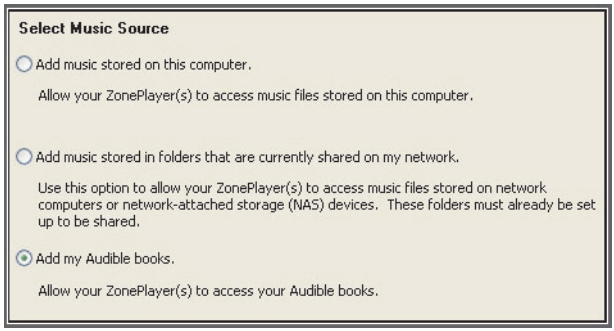


Desktop Controller for Macintosh

- You may need to select **All** to view your journal content.
- When listening to a book, you can use **Next** and **Previous** to move from chapter to chapter.
- Be sure to update your music library whenever you add new content (see "Updating your music index" on page 4-4.)

Adding an Audible account

If you have AudibleManager software installed on your computer, the Sonos Multi-Room Music System detects it when you add a music folder to your Sonos system. When Audible is detected, a third radio button displays on the **Select Music Source** screen.


Select Music Source
Add music stored on this computer.
Allow your ZonePlayer(s) to access music files stored on this computer.
Add music stored in folders that are currently shared on my network.
Use this option to allow your ZonePlayer(s) to access music files stored on network computers or network-attached storage (NAS) devices. These folders must already be set up to be shared.
Add my Audible books.
Allow your ZonePlayer(s) to access your Audible books.

Using the Desktop Controller for Windows

1. Select **Add my Audible books**, and click **Next**.
2. Click **Next** to share the folder.
3. Enter your Audible account user name and password.

Using the Desktop Controller for Macintosh

1. Make sure your Audible files are in a folder that you have shared to the Sonos Multi-Room Music System (using the **Select Music Source** screen).
2. Add your Audible account information to Sonos by selecting **Music**>**Set Up Music Services**>**Add**.
3. Select **Audible**, and click **Continue**.
4. Enter your Audible user name and password and select **Continue**.

   Your account information will be verified with Audible.

Update your music index whenever you add new content by selecting **Update Music Index Now** from the **Music** menu.

Adding an additional Audible account to Sonos

Make sure your Audible files are in a folder that you have shared to the Sonos Multi-Room Music System (using the **Select Music Source** screen).

1. From the menu bar, select **Music**>**Set Up Music Services.**
2. Click **Add**.
3. Select **Audible**, and click **Next**.
4. Enter your Audible user name and password**.**

   Your account information will be verified with Audible.

Update your music library whenever you add new content by selecting **Update Music Index Now** from the **Music** menu.

Deleting an Audible account

Using the Desktop Controller for Windows

1. From the Desktop Controller menu bar, select **Music**>**Set Up Music Services.**
2. Select the desired account, and click **Remove**.
3. Select **Yes** to confirm.
4. Enter your Audible password for verification, and then click **OK**.

Using the Desktop Controller for Macintosh

1. From the Desktop Controller menu bar, select **Music**>**Set Up Music Services**.
2. Highlight the Audible account, and click **Remove**.
3. You will be asked to enter your Audible password for verification, and then click **Remove**.

Deezer

If you're a Deezer customer, you've got everything you need to start enjoying music from Deezer on your Sonos system. Sonos connects directly to Deezer so you can search for an artist, play smartradio stations, play a top radio station, or select a radio station by theme (such as pop or rock.)

Deezer offers two types of accounts - a free account (available world-wide), and a paid subscription account (currently available only in France.) Simply set up a Deezer account (***www.deezer.com***), and add your Deezer account information to Sonos (see "Adding a compatible music service" on page 4-30).

Note: Your user name is the email address you signed up with when you set up your Deezer account. It is ***not*** your Deezer nickname.

Now you're ready to make a Deezer radio selection. If you are using the Desktop Controller, select **Deezer** from the **Music Services** tab. If you are using a Sonos Controller, you can select **Deezer** from the **Music** menu. Deezer options include:

- **Search -** select to search by artist
- **My Smartradio Stations** - select to choose a listening program that has been automatically generated based upon a certain artist
- **Top Radio** - select to choose a Deezer top radio station by genre
- **Theme Radio** - select to browse for a radio station by theme (such as jazz, pop, rock, or reggae)

Expanded search and additional on-demand features are available to premium subscribers (currently available only in France.)

Last.fm

If you're a Last.fm customer, you've got everything you need to start enjoying Last.fm on your Sonos system. Sonos connects directly to Last.fm so you can listen to Last.fm radio stations, create new stations, and use *scrobbling* to personalize your listening experience.

Simply add your Last.fm account information to Sonos (see "Adding a compatible music service" on page 4-30), and then you're ready to make a music selection.

If you are using the Desktop Controller software, select Last.fm from the **Music Services** tab. If you are using the Sonos Controller, select Last.fm, from the **Music** menu. Your Last.fm options include:

- Select **Start a New Station** to enter the name of your favorite artist, or tag such as *indie* or *alternative*, and Last.fm will play a custom radio station featuring music you're sure to love.
- Select **Tag Radio** to select from the most popular tags.
- Select **Recent Stations** to make a selection from stations you have recently listened to.
- Select **My Stations** and choose from the following:
  - My Library — plays music based on your listening history
  - My Loved Tracks — a custom station that exclusively plays the music that you've marked as *loved* using your Sonos Controller (available only to Last.fm users with a paid subscription)
  - My Neighborhood — plays music from Last.fm users with similar music taste
  - My Recommendations— Last.fm selects and plays music based on what you've listened to (uses scrobbling)

Note: If you are new to Last.fm, you may see the message, "Unable to play <station name>" appear for one or more of the **My Stations** options listed above. It simply means that you have not yet accumulated enough listening history to make these choices useful. This message will disappear over time.

What is scrobbling?

You can set a preference to have your music selections *scrobbled* while listening to Last.fm on your Sonos system. This means that every song you listen to is sent to Last.fm and used to create a personal music profile on Last.fm's Website, which in turn you can share, or use to discover more music you love.

The scrobbling feature is optional, and is available to both free Last.fm subscribers and paid subscribers.

To turn scrobbling on or off:

- Using the Desktop Controller software, click the **Music Services** tab, select **Last.fm,** and click the **Turn Scrobbling On (or Off)** button.
- Using a handheld Controller, select **Last.fm** from the **Music** menu. Select **Scrobbling**, and then select **On** or **Off**.

Napster®

Depending upon the country you live in, your Sonos® Multi-Room Music System may come with a free, 30-day Napster trial—no signup, no credit card necessary. Sonos connects directly to Napster via the Web, so you don't have to download an application or even turn your PC on. To activate a music service trial, your Sonos system must be registered so if you have not yet registered, go to "System Registration" on page 1-5 for help with this step.

Note: Napster may not be available in your country. If the Napster trial does not appear as an option, you can go to ***www.napster.com*** for more information.

- To use Napster with your Desktop Controller, see "Using the Desktop Controller for Windows" on page 4-42.
- To use Napster with your Desktop Controller, see "Using the Desktop Controller for Macintosh" on page 4-45.
- To use Napster with your Sonos Controller 100, see "Using the Sonos Controller 100" on page 4-48.
- To use Napster with your Sonos Controller for iPhone, see "Using the Sonos Controller for iPhone" on page 4-51.

Napster music selection choices include:

- Search (by artist, album or track)
- Browse Napster content, including top 100 lists, New Releases and Napster Playlists
- My Napster Library
  - All Tracks
  - Genres
  - Artists
  - My Playlists

Using the Desktop Controller for Windows

If you're new to Napster

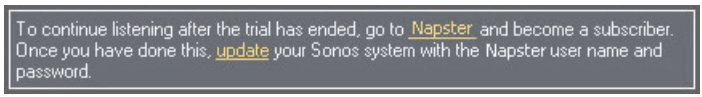
1. From the **Music Library,** click the **Music Services** tab.
2. Click **Napster Trial.**
3. Select **I'm new to Napster.**
4. Accept the Napster terms and conditions, and then click **Next**.
5. Click **Finish**.

Your free Napster trial account will be valid for 30 days.

After the trial expires

After the free trial expires, if you wish to continue using Napster with Sonos, you can become a Napster subscriber. Go to ***www.sonos.com/napster/subscribe*** and click **Join Napster Now**. Once you become a subscriber, simply follow the steps below to add your Napster account information to Sonos in order to have instant access to Napster from your Sonos Multi-Room Music System.

1. From the **Music Services** tab, select **Napster Trial**.


To continue listening after the trial has ended, go to Napster and become a subscriber.
Once you have done this, update your Sonos system with the Napster user name and password.

2. Click the **Update** link.
3. Click **Next**.

4. Enter your Napster user name, and password, and then click **Next**. Your user name and password will be verified with Napster.

IF for some reason the **Napster** trial no longer displays on the **Music Services** tab, you can add your account membership information to Sonos this way instead:

1. From the **Music** menu, select **Set Up Music Services**.

   The music services that are currently configured to work with your Sonos system are displayed. If **Napster Trial** is displayed, select it, and press **Subscribe**. Follow the prompts to enter your Napster user name and password. If **Napster Trial** is not displayed, continue on to step 2.
2. Press the **Add** button.
3. Select **Napster**, and click **Next**.
4. Select **Napster**, and click **Next**.
5. Enter your Napster user name and password, and click **Next**. Your user name and password will be verified with Napster.

If you already have a Napster account

1. From the **Music** menu, select **Set Up Music Services.**
2. Select **Napster Trial** and press **OK**.
3. Select **I already have a Napster** account, and then follow the on-screen prompts to set up your Sonos music system. You will be asked to enter your Napster user name and password.

   Your membership information will be verified with Napster, and then you will have instant access to Napster from your Sonos Multi-Room Music System.

Selecting music from Napster

1. From the **Music Library** pane, click the **Music Services** tab, and select **Napster**. (If you are using the Napster free trial, you will see **Napster Trial** instead.)
   - If the **Music Services** tab is not displayed in the Music Library, see "Showing/hiding the Music Services tab" on page 4-32.
2. Highlight a music selection, and right-click.
3. Choose one of the following:
   - **Play Now**

- **Play Next**
- **Add to Queue** to add it to the end of your music queue
- **Play Now and Replace Queue** to play the selection now while clearing the queue of previous music selections
- **Add To My Napster Library** to add the selection to your Napster library
- **Create automix** to create an instant playlist from this selection

Note: Napster has a setting that allows you to exclude tracks with a parental advisory logo. You can turn this setting on or off by selecting **My Account**>**Member Information** at *www.napster.com*.

Napster Automix

You can create an instant playlist based on an artist or a track selection. Napster will select 40 similar tracks based on your selection, and add the tracks to your music queue.

1. From the **Music Services** tab, search for a Napster artist that you would like to listen to.
2. Select **Artist Automix**.
3. Right-click and select one of the following:
   - **Play Now**
   - **Add to Queue** to add it to the end of your music queue
   - **Play Now and Replace Queue** to play the selection now while clearing the queue of previous music selections

To create an automix for a track — select a track, right-click, and select **Create Automix**.

Adding selections to your Napster Library

1. From the **Music Services** tab, highlight a Napster artist, album, or track, and right-click.
2. Select **Add to My Napster Library**. These selections can then be easily accessed later by selecting **My Library** instead of using **Search** or **Browse** to locate them again.

Napster Radio

1. Select the zone you want to play music in.
2. Click the **Music Services** tab, and select **Napster**. (If you are using the Napster free trial, select **Music Service Trials**>**Napster Trial** instead.)
3. Select **Radio.**
4. Select a radio station, and click **Play Now** or **Add to Queue.**

Deleting a Napster account from Sonos

1. From the Desktop Controller menu bar, select **Music**>**Set Up Music Services.**
2. Select the account you wish to remove, and click **Remove**.
3. Click **Yes** to confirm, and then click **OK**.

This will not delete your account from Napster. Your account status with Napster will be unaffected.

Using the Desktop Controller for Macintosh

If you're new to Napster

1. From the **Music Library,** select the **Music Services** tab.
2. Click **Napster Trial.**
3. Select **I'm new to Napster.**
4. Accept the Napster terms and conditions, and then click **Continue**.
5. Click **Done**.

Your free Napster trial account will be valid for 30 days.

After the trial expires

After the free trial expires, if you wish to continue using Napster with Sonos, you can become a Napster subscriber. You can go to ***www.sonos.com/napster/subscribe*** and click **Get Napster Now**. Once you become a subscriber, simply follow the steps below to add your Napster account information to Sonos in order to have instant access to Napster from your Sonos Multi-Room Music System.

1. From the **Music Services** tab, select **Napster Trial**.

To continue listening after the trial has ended, go to Napster and become a subscriber. Once you have done this, update your Sonos system with the Napster user name and password.

2. Click the **Update** link.
3. Select **Continue**.
4. Enter your Napster user name, and password, and then click **Continue**. Your user name and password will be verified with Napster.

IF for some reason the **Napster** trial no longer displays on the **Music Services** tab, you can add your account membership information to Sonos this way instead:

1. From the **Music** menu, select **Set Up Music Services**.

   The music services that are currently configured to work with your Sonos system are displayed. If **Napster Trial** is displayed, select it, and press **Subscribe**. Follow the prompts to enter your Napster user name and password. If **Napster Trial** is not displayed, continue on to step 2.
2. Press the **Add** button.
3. Select **Napster**, and click **Continue**.
4. Select **Napster**, and click **Continue**.
5. Enter your Napster user name and password, and click **Continue**. Your user name and password will be verified with Napster.

If you already have a Napster account

1. From the **Music** menu, select **Set Up Music Services.**
2. Select **Napster Trial** and press **OK**.
3. Select **I already have a Napster** account, and then follow the on-screen prompts to set up your Sonos music system. You will be asked to enter your Napster user name and password.

   Your membership information will be verified with Napster, and then you will have instant access to Napster from your Sonos Multi-Room Music System.

Selecting music from Napster

1. From the **Music Library** pane, click the **Music Services** tab, and select **Napster**. (If you are using the Napster free trial, you will see **Napster Trial** instead.)
   - If the **Music Services** tab is not displayed in the Music Library, see "Showing/hiding the Music Services tab" on page 4-32.
2. Highlight a music selection, and press control-click.
3. Choose one of the following:
   - **Play Now**
   - **Play Next**
   - **Add to Queue** to add it to the end of your music queue
   - **Play Now and Replace Queue** to play the selection now while clearing the queue of previous music selections
   - **Add To My Napster Library** to add the selection to your Napster library
   - **Create automix** to create an instant playlist from this selection

Note: Napster has a setting that allows you to exclude tracks with a parental advisory logo. You can turn this setting on or off by selecting **My Account**>**Member Information** at *www.napster.com*.

Napster Automix

You can create an instant playlist based on an artist or a track selection. Napster will select 40 similar tracks based on your selection, and add the tracks to your music queue.

1. From the **Music Services** tab, search for a Napster artist that you would like to listen to.
2. Select **Artist Automix**.
3. Control-click and select one of the following:
   - **Play Now**
   - **Add to Queue** to add it to the end of your music queue
   - **Play Now and Replace Queue** to play the selection now while clearing the queue of previous music selections

To create an automix for a track — select a track, control-click, and select **Create Automix**.

Adding selections to your Napster Library

1. From the **Music Services** tab, highlight a Napster artist, album, or track, and control-click.
2. Select **Add to My Napster Library**. These selections can then be easily accessed later by selecting **My Library** instead of using **Search** or **Browse** to locate them again.

Napster Radio

1. Select the zone you want to play music in.
2. Click the **Music Services** tab, and select **Napster**. (If you are using the Napster free trial, select **Music Service Trials**>**Napster Trial** instead.)
3. Select **Radio.**
4. Select a radio station, and click **Play Now** or **Add to Queue.**

Deleting a Napster account from Sonos

1. From the Desktop Controller menu bar, select **Music**>**Set Up Music Services.**
2. Select the account you wish to remove, and click **Remove**.
3. Select **Remove** to confirm.

This will not delete your account from Napster. Your account status with Napster will be unaffected.

Using the Sonos Controller 100

If you're new to Napster

1. From the **Music Menu**, select **Music Service Trials**.
2. Select **Napster Trial,** and press **OK**.
3. Select **I'm new to Napster**, and then follow the on-screen prompts to set up your Sonos music system.

   Your free Napster trial account will be valid for 30 days.

After the trial expires

After your free trial expires, if you wish to become a Napster subscriber, you can go to ***www.sonos.com/napster/subscribe*** and click **Get Napster Now**. Once you become a Napster customer, simply update Sonos with your membership information (steps below) in order to have instant access to Napster from your Sonos Multi-Room Music System.

1. From the **Music Menu**, select **Music Service Trials**.
2. Select **Napster Trial**, and press **Manage**.
3. Select **Subscribe to Napster**, and press **OK**.
4. Enter your Napster user name, and then press **Accept.**
5. Enter your Napster password, and then press **Accept**.

   Your user name and password will be verified with Napster.

IF for some reason the **Napster** trial no longer displays on the **Music Service Trials** screen, you can add your account membership information to Sonos this way instead:

1. From the **Music Menu**, select **System Settings**>**Music Service Setup.**

   The music services that are currently configured to work with your Sonos system are displayed. If **Napster Trial** is displayed, use the scroll wheel to highlight it, and press **Subscribe**. If **Napster Trial** is not displayed, continue on to step 2.
2. Press **Add.**
3. Select **Napster**>**Napster**, and press **OK.**
4. Enter your Napster user name, and then press **Accept.**
5. Enter your Napster password, and then press **Accept**.

   Your user name and password will be verified with Napster.

If you're an existing Napster customer

1. From the **Music Menu**, select **Music Service Trials**.
2. Select **Napster Trial** and press **OK**.
3. Select **I already have a Napster** account, and then follow the on-screen prompts to set up your Sonos music system. You will be asked to enter your Napster user name and password.

Your credentials will be verified with Napster, and you will have instant access to Napster from your Sonos Multi-Room Music System.

Selecting music

1. From the **Music Menu**, select **Napster**.
2. Choose one of the following options— use the scroll wheel to browse, pressing **OK** to *drill down* through the menus until you find the desired selection.
   - Select **Search** to look for new music selections from Napster.
   - Select **My Napster Library** to choose from music you have already saved to your Library.
   - Select from supplied Napster content such as **Top 100s** (tracks, albums, or artists that are being played most), **New Releases**, **Napster Playlists,** or **Staff Picks.**
3. Press the **Play** button to play the selection, or press **OK** and select one of the following:
   - **Play Now** to play the selection now
   - **Play Next** to play the selection after the current track
   - **Add to End of Queue** to add it to the end of your music queue
   - **Play Now and Replace Queue** to play the selection now while clearing the queue of previous music selections
   - If you are selecting a track from Napster, you can select **Add To My Napster Library**. If you are choosing a track that is already in your Napster Library, this selection appears as **Delete from my Napster Library**.

Note: Napster has a setting that allows you to exclude tracks that have a parental advisory logo. You can turn this on or off by selecting **My Account**>**Member Information** at *www.napster.com*.

Adding tracks or albums to your Napster Library

From the **Now Playing** screen, select **Napster** to add a track or an album to your Napster Library, or if you are selecting music while browsing Napster, press **OK** and select **Add To My Napster Library**.

Napster Automix

You can create an instant playlist based on an artist, album, or track selection. Napster will select 40 similar tracks based on your selection, and add the tracks to your music queue.

1. From the **Music Menu**, select **Napster**.
2. Use the scroll wheel to select a Napster artist, and press **OK**.
3. Select **Artist Automix**.
4. Press the **Play** button to play the selection, or press **OK** and select one of the following:
   - **Play Now** to play the selection now
   - **Add to End of Queue** to add it to the end of your music queue
   - **Play Now and Replace Queue** to play the selection now while clearing the queue of previous music selections

You can also create an automix from the **Now Playing** screen. Select **Napster>Automix This Track.**

Selecting a Napster radio station

1. Select a zone.
2. From the **Music Menu**, select **Napster>Radio**. (If you are using the Napster free trial, select **Music Service Trials>Napster Trial** instead.)
3. Select a radio station, and press **OK**.

Using the Sonos Controller for iPhone

If you're new to Napster

1. From the **Music Menu**, tap **More Music...**
2. Tap **Napster**.
3. Tap **I'm new to Napster**, and then follow the on-screen prompts to activate your trial account. Your trial account will be valid for 30 days.

After the trial expires

After your free trial expires, if you wish to become a Napster subscriber, you can go to ***www.sonos.com/napster/subscribe*** and click **Get Napster Now**. Once you become a Napster customer, simply update Sonos with your membership information (steps below) in order to have instant access to Napster from your Sonos Multi-Room Music System.

1. From the **Music Menu**, tap **Napster.**
2. Tap **Subscribe**, and then tap **Next**.
3. Tap **Merge** if you want to merge the music from the trial with the new account you are adding. Otherwise, tap **Don't Merge**.
4. Type your Napster user name and password, and then tap **Done.**

   Your credentials will be verified with Napster, and then you will have instant access to Napster from your Sonos Multi-Room Music System. Simply select Napster from the **Music Menu** to make a music selection.

If you're an existing Napster customer

1. From the **Music Menu**, tap **More Music...**
2. Tap **Napster**.
3. Tap **I have an account**, and then follow the on-screen prompts to set up your Sonos music system. You will be asked to type your Napster user name and password.

   Your credentials will be verified with Napster, and then you will have instant access to Napster from your Sonos Multi-Room Music System. Simply select Napster from the **Music Menu** to make a music selection.

Selecting music

1. From the **Music Menu**, tap **Napster**.
2. Choose one of the following options—
   - Tap **Search** to search for Napster music selections by artist, album or track.
   - Tap **My Napster Library** to choose from music you have already saved to your Library. You can *drill down* by All Tracks, Genres, Artists, or My Playlists.
   - Tap **Top 100s** (tracks, albums, or artists that are being played most), **New Releases**, **Radio, Napster Playlists, Billboard Charts, Staff Picks**, or **Genres** to make a selection from supplied Napster content**.**

3. Make a music selection, and then choose one of the following:
   - **Play Now** to play the selection now
   - **Play Next** to play the selection after the current track
   - **Replace Queue** to play the selection now while clearing the queue of previous music selections
   - **Add to Queue** to add it to the end of your music queue
   - Tap **Add to Library** to add it to your Napster library. If you are choosing a track that is already in your Napster Library, this selection appears as **Delete from Library**.

Note: Napster has a setting that allows you to exclude tracks that have a parental advisory logo. You can turn this on or off by selecting **My Account**>**Member Information** at *www.napster.com*.

Adding tracks or albums to your Napster Library

From the **Now Playing** screen, tap to add a track or an album to your Napster Library, or if you are selecting music while browsing Napster, select **Add To Library**.

Napster Automix

You can create an instant playlist based on an artist, album, or track selection. Napster will select 40 similar tracks based on your selection, and add the tracks to your music queue.

1. From the **Music Menu**, tap **Napster**.
2. Tap **Search**>**Artists** to search for and select a Napster artist.
3. Tap **Artist Automix**.
4. Select one of the following:
   - **Play Now** to play the selection now
   - **Play Next** to play the selection next
   - **Replace Queue** to play the selection now while clearing the queue of previous music selections
   - **Add to Queue** to add it to the end of your music queue

You can also create an automix from the **Now Playing** screen. When you are listening to a Napster selection, tap and then select **Automix This Track.**

Selecting a Napster radio station

1. From the **Music Menu**, tap **Napster**>**Radio**. (If you are using the Napster free trial, tap **Napster Trial**.)

You can select a Napster featured radio station, or select a radio station by genre.

Pandora®

If you're a Pandora customer, you've got everything you need to start enjoying Pandora on your Sonos system. Sonos can connect directly to Pandora, the music discovery service, so you can listen to Pandora radio stations, create new stations, and rate music using your Sonos Multi-Room Music System.

Pandora offers two types of subscription accounts - a free ad-based account, and a paid subscription account. If you are a free subscriber, Pandora will *serve you ads* when playing Pandora on your Sonos system. If you are a paid subscriber, Pandora will serve you *ad-free* radio streaming.

- To use Pandora with your Desktop Controller, see "Using the Desktop Controller for Windows" on page 4-54.
- To use Napster with your Desktop Controller, see "Using the Desktop Controller for Macintosh" on page 4-45.
- To use Pandora with your Sonos Controller 100, see "Using the Sonos Controller 100" on page 4-61.
- To use Pandora with your Sonos Controller for iPhone, see "Using the Sonos Controller for iPhone" on page 4-64.

Using the Desktop Controller for Windows

Adding your Pandora account information to Sonos

Pandora offers two types of subscription accounts - a free ad-based account, and a paid subscription account. If you are a free subscriber, Pandora will *serve you ads* when playing Pandora on your Sonos system. If you are a paid subscriber, Pandora will serve you *ad-free* radio streaming.

1. From the **Music** menu, select **Set Up Music Services**.

   The music services that are currently configured to work with your Sonos system are displayed.
2. Press the **Add** button.
3. Select **Pandora Radio**, and click **Next**.
4. Enter your Pandora user name and password, and click **Next**.

Your user name and password will be verified with Pandora. Once your credentials have been verified, you can click the **Music Services** tab, select **Pandora Radio**, and make a music selection.

Upgrading your account

If you've been using Pandora with Sonos, and decide to upgrade from a free account to a paid Pandora subscription, simply go to **www.pandora.com** and upgrade your account. Once you are a paid subscriber, Pandora will stop serving you ads - no further action is required by you to update your Sonos system.

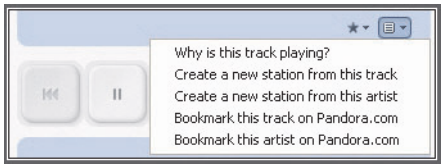
Adding a new station

1. From the **Music Services** tab, select **Pandora Radio**.
2. Click the **New Station** button.
3. Enter an artist name or a track and click **Next**.
4. If you find what you are looking for, select **Create the station** and click **Next**. If you'd like to try again, select **That's not what I want** and click **Next**.

Note: Pandora has a setting that allows you to filter explicit content. You can turn this on or off by selecting **Edit Your Account** at *www.pandora.com*. When the filter is turned on, radio edited songs without explicit lyrics will be played instead of the unedited versions.

Creating a new station from an artist or track

1. From the **Now Playing** window, click the **Pandora** menu.


Why is this track playing?
Create a new station from this track
Create a new station from this artist
Bookmark this track on Pandora.com
Bookmark this artist on Pandora.com

2. Select **Create a new station from this artist**, or **Create a new station from this track**.

Selecting a Pandora radio station

1. From the **Music Library** pane, click the **Music Services** tab and select **Pandora Radio.**

   Your current Pandora stations are displayed.

   - If the **Music Services** tab is not displayed in the Music Library, see Showing/ hiding the Music Services tab .

2. Select a music selection and click **Play Now**, or click **New Station** to add a new music station.

Adding more music to a station

1. From the **Music Library** pane, click the **Music Services** tab and select **Pandora Radio.**

   Your current Pandora radio stations are displayed.

2. Right-click and select **Add more kinds of music.**

Renaming a station

1. From the **Music Library** pane, click the **Music Services** tab and select **Pandora Radio.**

   Your current Pandora radio stations are displayed.

2. Right-click, and select **Rename Station.**
3. Type a new name for your radio station.

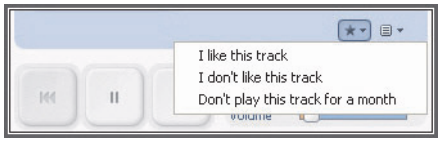
Deleting a station

1. From the **Music Library** pane, click the **Music Services** tab and select **Pandora Radio.**

   Your current Pandora radio stations are displayed.
2. Right-click, and select **Delete Station.**
3. Select **Yes** to confirm.

Rating a track

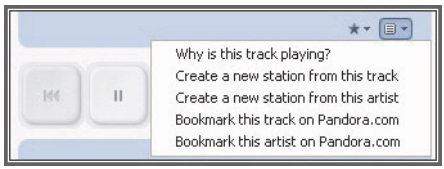
1. From the **Now Playing** screen, click the **Ratings** button.



2. Choose one of the following options:
   - Select **I like this track** - Pandora will play more tracks with similar qualities.
   - Select **I don't like this track** - Pandora will not longer play this track on this radio station.
   - Select **Don't play this track for a month**.

Bookmarking a track

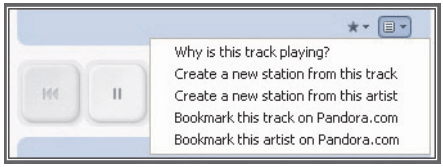
1. From the **Now Playing** window, click the **Pandora** menu.


Why is this track playing?
Create a new station from this track
Create a new station from this artist
Bookmark this track on Pandora.com
Bookmark this artist on Pandora.com

2. Select **Bookmark this track on Pandora.com** or **Bookmark this artist on Pandora.com**.

Why is this track playing?

1. From the **Now Playing** window, click the **Pandora** menu.


Why is this track playing?
Create a new station from this track
Create a new station from this artist
Bookmark this track on Pandora.com
Bookmark this artist on Pandora.com

2. Select **Why is this track playing**?

   Pandora will explain the similarities between this track and the other tracks on your radio station.

Using the Desktop Controller for Macintosh

Adding your Pandora account information to Sonos

Pandora offers two types of subscription accounts - a free ad-based account, and a paid subscription account. If you are a free subscriber, Pandora will *serve you ads* when playing Pandora on your Sonos system. If you are a paid subscriber, Pandora will serve you *ad-free* radio streaming.

1. From the **Music** menu, select **Set Up Music Services**.

   The music services that are currently configured to work with your Sonos system are displayed.
2. Press the **Add** button.
3. Select **Pandora Radio**, and click **Continue**.
4. Enter your Pandora user name and password, and click **Continue**.

Your user name and password will be verified with Pandora.

Upgrading your account

If you've been using Pandora with Sonos, and decide to upgrade your free Pandora account to a paid subscription, simply go to **www.pandora.com** and upgrade your account. Once you are a paid subscriber, Pandora will stop serving you ads - no further action is required by you to update your Sonos system.

Adding a new station

1. From the **Music Services** tab, select **Pandora Radio**.
2. Click the **New Station** button.
3. Enter an artist name or a track and click **Continue**.
4. If you find what you are looking for, select **Create the station** and click **Continue**.
   If you'd like to try again, select **That's not what I want** and click **Continue**.

Note: Pandora has a setting that allows you to filter explicit content. You can turn this on or off by selecting **Edit Your Account** at *www.pandora.com*. When the filter is turned on, radio edited songs without explicit lyrics will be played instead of the unedited versions.

Creating a new station from an artist or track

1. From the **Now Playing** window, click the **Pandora** menu.
2. Select **Create a new station from this artist**, or **Create a new station from this track**.

Selecting a Pandora radio station

1. From the **Music Library** pane, click the **Music Services** tab and select **Pandora Radio**.

   Your current Pandora stations are displayed.

   - If the **Music Services** tab is not displayed in the Music Library, see Showing/hiding the Music Services tab .
2. Select a music selection and click **Play Now**, or **New Station** to add a new music station.

Adding more music to a station

1. From the **Music Library** pane, click the **Music Services** tab and select **Pandora Radio.**

   Your current Pandora radio stations are displayed.
2. Select the station you wish to add more music to.
3. From the **Music** menu, select **Add more kinds of music.**
4. Enter the name or an artist or track, and click **Continue.**

5. If you find what you want, select **Add the new music**, and click **Continue**. If this is not what you want, select **That's not what I want** and click **Continue** to retry.

Renaming a station

1. From the **Music Library** pane, click the **Music Services** tab and select **Pandora Radio.**

   Your current Pandora radio stations are displayed.
2. Select the station you wish to rename.
3. From the **Music** menu, select **Rename Station.**
4. Type a new name for your radio station.

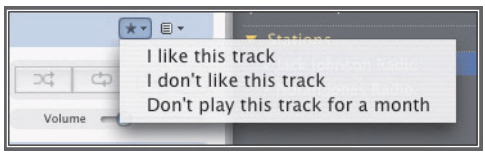
Deleting a station

1. From the **Music Library** pane, click the **Music Services** tab and select **Pandora Radio.**

   Your current Pandora radio stations are displayed.
2. Select the station you wish to delete.
3. From the **Music** menu, select **Delete Station.**

Rating a track

1. From the **Now Playing** screen, click the **Ratings** button.



2. Choose one of the following options:
   - Select **I like this track** - Pandora will play more tracks with similar qualities.
   - Select **I don't like this track** - Pandora will not longer play this track on this radio station.
   - Select **Don't play this track for a month**.

Bookmarking a track

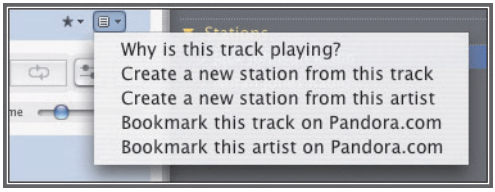
1. From the **Now Playing** window, click the **Pandora** menu.

Why is this track playing?
Create a new station from this track
Create a new station from this artist
Bookmark this track on Pandora.com
Bookmark this artist on Pandora.com

2. Select **Bookmark this track on Pandora.com** or **Bookmark this artist on Pandora.com**.

Why is this track playing?

1. From the **Now Playing** window, click the **Pandora** menu.


Why is this track playing?
Create a new station from this track
Create a new station from this artist
Bookmark this track on Pandora.com
Bookmark this artist on Pandora.com

2. Select **Why is this track playing**?

   Pandora will explain the similarities between this track and the other tracks on your radio station.

Using the Sonos Controller 100

Adding your Pandora account information to Sonos

1. From the **Music** menu, select **System Settings>Music Service Setup**.

   The music services that are currently configured to work with your Sonos system are displayed.
2. Select **Add**.

3. Select **Pandora Radio**, and press **OK**.
4. Enter your Pandora user name, and then press **Accept.**
5. Enter your Pandora password, and then press **Accept**.

Your user name and password will be verified with Pandora. Once your credentials have been verified, you can press the **Music** button, select **Pandora Radio**, and make a music selection.

Upgrading your account

If you've been using Pandora with Sonos, and decide to upgrade from a free Pandora account to a paid subscription, simply go to **www.pandora.com** and upgrade your account. Once you are a paid subscriber, Pandora will stop serving you ads — no further action is required by you to update your Sonos system.

Adding a new station

1. From the **Music** menu, select **Pandora Radio**.
2. Press the **New Station** button.
3. Enter the name of an artist or a track, and then press **Next**.
4. Select **Artist Name** or **Track Name** and press **OK**.
5. If you find what you are looking for, select **Create and play the station.** If you'd like to try again, select **That's not what I want** and press **OK**.

Note: Pandora has a setting that allows you to filter explicit content. You can turn this on or off from the **Edit Your Account** settings at *www.pandora.com*. When the filter is turned on, radio edited songs with explicit lyrics will be played instead of the unedited versions.

Creating a new station from an artist or track

1. From the **Now Playing** screen, select **Pandora**.
2. Select **Create a new station from this artist**, or **Create a new station from this track**.

Selecting a radio station

1. From the **Music** menu, select **Pandora Radio** and press **OK**.

   Your current Pandora stations are displayed.

2. Use the scroll wheel to select a radio station, and press **OK**.

Adding more music to a station

1. From the **Music** menu, select **Pandora Radio**.
2. Press the **Edit Station** button.
3. Select **Add more kinds of music to this station**, and press **OK**.

Renaming a station

1. From the **Music** menu, select **Pandora Radio**.
2. Select **Edit Station.**
3. Select **Rename Station**, and press **OK**.
4. Type a new name for your radio station, and then press **Accept**.

Deleting a station

1. From the **Music** menu, select **Pandora Radio**.
2. Select **Edit Station**, and press **OK**.
3. Select **Delete Station**, and press **OK**.
4. Select **Yes** to confirm.

Rating a track

1. From the **Now Playing** screen, select **Ratings**.
2. Choose one of the following options:
   - Select **I like this track** - Pandora will play more tracks with similar qualities.
   - Select **I don't like this track** - Pandora will not longer play this track on this radio station.
   - Select **Don't play this track for a month**.

Bookmarking a track

1. From the **Now Playing** screen, select **Pandora**.
2. Select **Bookmark this track on Pandora.com** or **Bookmark this artist on Pandora.com**.

Why is this track playing?

1. From the **Now Playing** screen, select **Pandora**.
2. Select **Why is this track playing**?

   Pandora will explain the similarities between this track and the other tracks on your radio station.

Using the Sonos Controller for iPhone

Adding your Pandora account information to Sonos

1. From the **Music Menu**, tap **More Music...**
2. Tap **Pandora Radio**.
3. Tap **I have an account**.
4. Enter your Pandora user name and password, and then tap **Done**.

   Your user name and password will be verified with Pandora, and you will have instant access to Pandora from your Sonos Multi-Room Music System. Select Pandora Radio from the **Music Menu** to make a radio station selection.

Upgrading your account

If you've been using Pandora with Sonos, and decide to upgrade from a free Pandora account to a paid subscription, simply go to **www.pandora.com** and upgrade your account. Once you are a paid subscriber, Pandora will stop serving you ads — no further action is required by you to update your Sonos system.

Adding a new station

1. From the **Music Menu**, tap **Pandora Radio**.
2. Tap **New Station**.
3. Type the name of an artist, track, or composer and then tap **Search**.

4. If you find what you are looking for, simply tap to select it. If you'd like to try again, tap **Cancel**.

Note: Pandora has a setting that allows you to filter explicit content. You can turn this on or off from the **Edit Your Account** settings at *www.pandora.com*. When the filter is turned on, radio edited songs with explicit lyrics will be played instead of the unedited versions.

Creating a new station from an artist or track

1. From the **Now Playing** screen, tap .
2. Select **Create a new station from this artist**, or **Create a new station from this track**.

Selecting a radio station

1. From the **Music Menu**, tap **Pandora Radio**.

   Your current Pandora stations are displayed.
2. Select a station from the list, and tap **Play Now**.

Adding more music to a station

1. From the **Music Menu**, tap **Pandora Radio**.
2. Tap **Edit Stations**.
3. Select a station from the list, and then tap **Add more kinds of music**.

Renaming a station

1. From the **Music Menu**, tap **Pandora Radio**.
2. Tap **Edit Stations.**
3. Select a station from the list, and tap **Rename**.
4. Type a new name for your radio station, and then press **Done**.

Deleting a station

1. From the **Music Menu**, tap **Pandora Radio**.
2. Tap **Edit Stations**.
3. Select a station from the list, and then tap **Delete**.

Rating a track

1. From the **Now Playing** screen, tap a **Ratings** icon.

Thumbs up *- Pandora will play more tracks with similar qualities*
Thumbs down *- Pandora will no longer play this track on this radio station*

If you want to take a break from a track, tap + and then select **Don't play this track for a month.**

Bookmarking a track

1. From the **Now Playing** screen, tap + (when playing a Pandora radio station.)
2. Tap **Bookmark this track on Pandora.com** or **Bookmark this artist on Pandora.com**.

Why is this track playing?

1. From the **Now Playing** screen, tap + (when playing a Pandora radio station.)
2. Tap **Why is this track playing**?

   Pandora will explain the similarities between this track and the other tracks on your radio station.

Rhapsody®

Depending upon the country you live in, your Sonos Multi-Room Music System may come with a free, 30-day Rhapsody trial—no signup, no credit card necessary. Sonos connects directly to Rhapsody via the Web, so you don't have to download an application or even turn your PC on. To activate a music service trial, your Sonos system must be registered so if you have not yet registered, go to "System Registration" on page 1-5 for help with this step.

Note: Rhapsody may not be available in your country. If the Rhapsody trial does not appear as an option, you can go to ***www.rhapsody.com*** for more information.

- To use Rhapsody with your Desktop Controller, see "Using the Desktop Controller for Windows" on page 4-67.
- To use Rhapsody with your Desktop Controller, see "Using the Desktop Controller for Macintosh" on page 4-71.
- To use Rhapsody with your Sonos Controller 100, see "Using the Sonos Controller 100" on page 4-74.
- To use Rhapsody with your Sonos Controller for iPhone, see "Using the Sonos Controller for iPhone" on page 4-76.

Rhapsody music selection choices include:

- Search (by artist, album, composer or track)
- Rhapsody Music Guide
- Rhapsody Channels (Rhapsody Radio)
- My Artists
- My Albums
- My Genres
- My Tracks
- My Playlists

Using the Desktop Controller for Windows

If you're new to Rhapsody

1. From the **Music Library,** click the **Music Services** tab.
2. Click **Rhapsody Trial.**
3. Select **I'm new to Rhapsody.**
4. Accept the Rhapsody terms and conditions, and then click **Next**.
5. Click **Finish**.

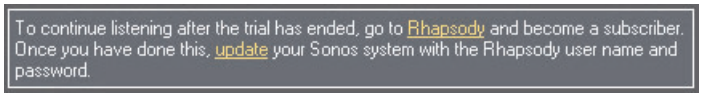
Your free Rhapsody trial account will be valid for 30 days.

After the trial expires

After the free trial expires, if you wish to continue using Rhapsody with Sonos, you can become a Rhapsody subscriber. Go to ***www.sonos.com/Rhapsody/subscribe*** and

click **Join Rhapsody Now**. Once you become a subscriber, simply follow the steps below to add your Rhapsody account information to Sonos in order to have instant access to Rhapsody from your Sonos Multi-Room Music System.

1. From the **Music Services** tab, select **Rhapsody Trial**.


To continue listening after the trial has ended, go to Rhapsody and become a subscriber.
Once you have done this, update your Sonos system with the Rhapsody user name and password.

2. Click the **Update** link.
3. Click **Next**.
4. Enter your Rhapsody user name, and password, and then click **Next**. Your user name and password will be verified with Rhapsody.

IF for some reason the **Rhapsody** trial no longer displays on the **Music Services** tab, you can add your account membership information to Sonos this way instead:

1. From the **Music** menu, select **Set Up Music Services**.

   The music services that are currently configured to work with your Sonos system are displayed. If **Rhapsody Trial** is displayed, select it, and press **Subscribe**. Follow the prompts to enter your Rhapsody user name and password. If **Rhapsody Trial** is not displayed, continue on to step 2.
2. Press the **Add** button.
3. Select **Rhapsody**, and click **Next**.
4. Select **Rhapsody**, and click **Next**.
5. Enter your Rhapsody user name and password, and click **Next**. Your user name and password will be verified with Rhapsody.

If you already have a Rhapsody account

1. From the **Music** menu, select **Set Up Music Services.**
2. Select **Rhapsody Trial** and press **OK**.
3. Select **I already have a Rhapsody** account, and then follow the on-screen prompts to set up your Sonos music system. You will be asked to enter your Rhapsody user name and password.

Your membership information will be verified with Rhapsody, and then you will have instant access to Rhapsody from your Sonos Multi-Room Music System.

Selecting music from Rhapsody

Note: You can add tracks to a music queue while listening to other music.

1. From the **Music Library** pane, click the **Music Services** tab, and select **Rhapsody**.
   - If the **Music Services** tab is not displayed in the Music Library, see "Showing/hiding the Music Services tab" on page 4-32.
2. Highlight a music selection and choose one of the following options:
   - Select **Play Now** to play the selection now
   - Select **Play Next** to play the selection after the current track
   - Select **Add to End of Queue** to add it to the end of your music queue
   - Right-click and select **Play Now and Replace Queue** to remove the contents of the current queue and replace it with this selection
   - If you are selecting music from the Rhapsody Music Guide, you can additionally select **Add To My Rhapsody Library** or **Delete From My Rhapsody Library**.

Using Search

1. From the **Zones** pane, click to highlight the zone you want to play music in.
2. Choose one of the following options:
   - From the **Music Library** pane, click the **Music Services** tab, and select **Rhapsody**,

or

   - From the **Music** menu, select **Rhapsody**.
3. Select **Search**.

4. Enter your search criteria (full or partial), select the category you wish to search (artists, albums, composers, or tracks), and click **Search**.

Using 'drag and drop'

You can *drag and drop* tracks directly from Rhapsody to the queue. Highlight a selection, and while holding down the mouse, drag the selection to the music queue, and then release.

Rhapsody Music Guide

The Rhapsody Music Guide displays a variety of music selections, including a list of music genres, top artists, top albums, and top tracks, new releases and Rhapsody-recommended selections. Click any of the links to browse through the Rhapsody Music Guide and make selections.

Rhapsody Radio

1. Select the zone you want to play music in.
   - Click the **Music Services** tab, and select **Rhapsody**. (If you are using the Rhapsody free trial, select **Music Service Trials**>**Rhapsody Trial** instead.)
2. Select **Rhapsody Channels.**
3. Select a radio station, and click **Play Now**.

Adding tracks or albums to your Rhapsody Library

1. From the **Music Services** tab, highlight an album, track, or Rhapsody radio station and right-click.
2. Select **Add to My Rhapsody Library**.

Using Rhapsody with UPnP

If you are using Rhapsody's desktop application to organize the music on your local drive, your Sonos system can access Rhapsody's server using Universal Plug and Play (UPnP). You should only use this method to access Rhapsody if you are using Rhapsody's desktop application, or if you have multiple Rhapsody accounts active in your household.

To access Rhapsody's server using UPnP, make sure UPnP is enabled in the Rhapsody desktop application so that the Sonos Multi-Room Music System can recognize it and show Rhapsody in your Music Library. This is a one-time preference

setting. Remember— your computer must be on in order to stream Rhapsody content if you are accessing Rhapsody's server this way.

Change Rhapsody setting:

1. Start **RealRhapsody**.
2. Click **Tools**>**Preferences**>**Rhapsody Server (UPnP)**.
3. Click to check the **Start UPnP Server Once Logged In** box, and then click **Start**.
4. Click **OK**.

Change Sonos setting:

1. From the Sonos Desktop Controller for Windows, select **File**>**Preferences** and click the **Advanced Options** button.
2. Check the **Show music from Rhapsody UPnP servers** checkbox and click **OK**.

Deleting a Rhapsody account from Sonos

1. From the Desktop Controller menu bar, select **Music**>**Set Up Music Services.**
2. Select the account you wish to remove, and click **Remove**.
3. Click **Yes** to confirm, and then click **OK**.

This will not delete your account from Rhapsody. Your account status with Rhapsody will be unaffected.

Using the Desktop Controller for Macintosh

If you're new to Rhapsody

1. From the **Music Library,** click the **Music Services** tab.
2. Select **Rhapsody Trial.**
3. Select **I'm new to Rhapsody.**
4. Accept the Rhapsody terms and conditions, and then click **Continue**.
5. Click **Done**.

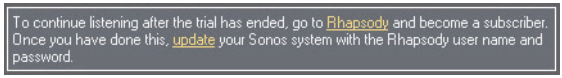
Your free Rhapsody trial account will be valid for 30 days.

After the trial expires

After your free trial expires, if you wish to become a Rhapsody subscriber, you can go to ***www.sonos.com/rhapsody/subscribe*** and click **Join Rhapsody Now**. Once you

become a subscriber, simply follow the steps below to add your Rhapsody account information to Sonos in order to have instant access to Rhapsody from your Sonos Multi-Room Music System.

1. From the **Music Services** tab, select **Rhapsody Trial**.


To continue listening after the trial has ended, go to Rhapsody and become a subscriber. Once you have done this, update your Sonos system with the Rhapsody user name and password.

2. Click the **Update** link.
3. Click **Continue**.
4. Enter your Rhapsody user name, and password, and then click **Continue**. Your user name and password will be verified with Rhapsody.

IF for some reason the **Rhapsody** trial no longer displays on the **Music Services** tab, you can add your account membership information to Sonos this way instead:

1. From the **Music** menu, select **Set Up Music Services**.

   The music services that are currently configured to work with your Sonos system are displayed. If **Rhapsody Trial** is displayed, select it, and press **Subscribe**. Follow the prompts to enter your Rhapsody user name and password. If **Rhapsody Trial** is not displayed, continue on to step 2.
2. Press the **Add** button.
3. Select **Rhapsody**, and click **Continue**.
4. Select **Rhapsody**, and click **Continue**.
5. Enter your Rhapsody user name and password, and click **Continue**. Your user name and password will be verified with Rhapsody.

If you already have a Rhapsody account

1. From the **Music Services** tab, select **Rhapsody Trial**.
2. Select **I already have a Rhapsody account**.

Enter your Rhapsody user name and password and click **Continue**. Your membership information will be verified with Rhapsody and then you'll have instant access to Rhapsody from the Sonos Multi-Room Music System.

Selecting music from Rhapsody

1. From the **Music Library** pane, click the **Music Services** tab, and select **Rhapsody** (if you are using the Rhapsody trial, select **Rhapsody Trial** instead.)
   - If the **Music Services** tab is not displayed in the Music Library, see "Showing/hiding the Music Services tab" on page 4-32.
2. Highlight a music selection, and click **Play Now**, **Play Next**, or **Add to Queue** to add it to the end of your music queue. If you are selecting music from the Rhapsody Music Guide, you can additionally select **Add To My Rhapsody Library**.

Rhapsody Music Guide

The Rhapsody Music Guide displays a variety of music selections, including a list of music genres, top artists, top albums, and top tracks, new releases and Rhapsody-recommended selections. Click any of the links to browse through the Rhapsody Music Guide and make selections.

Rhapsody Radio

1. Select a zone.
2. Click the **Music Services** tab.
3. Select **Rhapsody Radio**, and then select a radio station from the **My Stations** list.
4. Click **Play Now**.

Using Rhapsody with UPnP

If you are using Rhapsody's desktop application to organize the music on your local drive, your Sonos system can access Rhapsody's server using Universal Plug and Play (UPnP). You should only use this method to access Rhapsody if you are using Rhapsody's desktop application, or if you have multiple Rhapsody accounts active in your household.

To access Rhapsody's server using UPnP, make sure UPnP is enabled in the Rhapsody desktop application so that the Sonos Multi-Room Music System can recognize it and show Rhapsody in your Music Library. This is a one-time preference setting. Remember— your computer must be on in order to stream Rhapsody content if you are accessing Rhapsody's server this way.**Change Rhapsody setting:**

1. Start **RealRhapsody**.
2. Click **Tools**>**Preferences**>**Rhapsody Server (UPnP)**.
3. Click to check the **Start UPnP Server Once Logged In** box, and then click **Start**.
4. Click **OK**.

Change Sonos setting:

1. Select **Sonos**>**Preferences** and click the **Advanced Options** button.
2. Check the **Show music from Rhapsody UPnP servers** checkbox and click **Done**.

Deleting a Rhapsody account from Sonos

1. From the **Music** menu, select **Set Up Music Services.**
2. Select the account you wish to remove, and click **Remove**.

This will not delete your account from Rhapsody. Your account status with Rhapsody will be unaffected.

Using the Sonos Controller 100

If you're new to Rhapsody

1. From the **Music Menu**, select **Music Service Trials**.
2. Select **Rhapsody Trial** and press **OK**.
3. Select **I'm new to Rhapsody**, and then follow the on-screen prompts to activate your trial account. Your free Rhapsody trial account will be valid for 30 days.

After the trial expires

After your free trial expires, if you wish to become a Rhapsody subscriber, you can go to ***www.sonos.com/rhapsody/subscribe*** and click **Join Rhapsody Now**. Once you become a Rhapsody customer, simply update Sonos with your membership information (steps below) in order to have instant access to Rhapsody from your Sonos Multi-Room Music System.

1. From the **Music Menu**, select **Music Service Trials**.
2. Select **Rhapsody Trial**, and press **Manage**.
3. Select **Subscribe to Rhapsody**, and press **OK**.
4. Enter your Rhapsody user name, and then press **Accept.**

5. Enter your Rhapsody password, and then press **Accept**.

   Your user name and password will be verified with Rhapsody.

IF for some reason the **Rhapsody** trial no longer displays on the **Music Service Trials** screen, you can add your account membership information to Sonos this way instead:

1. From the **Music Menu**, select **System Settings**>**Music Service Setup.**

   The music services that are currently configured to work with your Sonos system are displayed. If **Rhapsody Trial** is displayed, use the scroll wheel to highlight it, and press **Subscribe**. If **Rhapsody Trial** is not displayed, continue on to step 2.
2. Press **Add.**
3. Select **Rhapsody**>**Rhapsody**, and press **OK.**
4. Enter your Rhapsody user name, and then press **Accept.**
5. Enter your Rhapsody password, and then press **Accept**.

   Your user name and password will be verified with Rhapsody.

If you're an existing Rhapsody customer

1. From the **Music Menu**, select **Music Service Trials**.
2. Select **Rhapsody Trial** and press **OK**.
3. Select **I already have a Rhapsody** account, and then follow the on-screen prompts to set up your Sonos music system. You will be asked to enter your Rhapsody user name and password.

   Your credentials will be verified with Rhapsody, and you will have instant access to Rhapsody from your Sonos Multi-Room Music System.

Selecting music

1. From the **Music Menu**, select **Rhapsody**.
2. Choose one of the following options— use the scroll wheel to browse, pressing **OK** to *drill down* through the menus until you find the desired selection.
   - Select **Search** to look for new music selections from Rhapsody.
   - Select **My Artists, My Albums, My Genres, My Tracks**, or **My Playlists** to select from music you have already saved to your Rhapsody Library.
   - Select **Rhapsody Music Guide** to select from supplied Rhapsody content.

3. Press the **Play** button to play the music now, or press **OK** and select one of the following:
   - **Play Now** to play the music now
   - **Play Next** to play it next in the queue
   - **Add to Queue** to add it to the end of your music queue
   - If you are selecting music from the Rhapsody Music Guide, you can additionally select **Add To My Rhapsody Library**.

Selecting a Rhapsody radio station

1. Select a zone.
2. From the **Music Menu**, select **Rhapsody**>**Rhapsody Channels**.
3. Select a radio station, and press **OK**.

Adding tracks or albums to your Rhapsody Library

From the **Now Playing** screen, select **Rhapsody** to add a track or an album to your Rhapsody Library.

Using the Sonos Controller for iPhone

If you're new to Rhapsody

1. From the **Music Menu**, tap **More Music...**
2. Tap **Rhapsody**.
3. Tap **I'm new to Rhapsody**, and then follow the on-screen prompts to activate your trial account. Your trial account will be valid for 30 days.

After the trial expires

After your free trial expires, if you wish to become a Rhapsody subscriber, you can go to ***www.sonos.com/rhapsody/subscribe*** and click **Get Rhapsody Now**. Once you become a Rhapsody customer, simply update Sonos with your membership information (steps below) in order to have instant access to Rhapsody from your Sonos Multi-Room Music System.

1. From the **Music Menu**, tap **Rhapsody.**
2. Tap **Subscribe**, and then tap **Next**.

3. Tap **Merge** if you want to merge the music from the trial with the new account you are adding. Otherwise, tap **Don't Merge**.
4. Type your Rhapsody user name and password, and then tap **Done.**

   Your credentials will be verified with Rhapsody, and then you will have instant access to Rhapsody from your Sonos Multi-Room Music System. Simply select **Rhapsody** from the **Music Menu** to make a music selection.

If you're an existing Rhapsody customer

1. From the **Music Menu**, tap **More Music...**
2. Tap **Rhapsody**.
3. Tap **I have an account**, and then follow the on-screen prompts to set up your Sonos music system. Your credentials will be verified with Rhapsody, and then you will have instant access to Rhapsody from your Sonos Multi-Room Music System. Simply select **Rhapsody** from the **Music Menu** to make a music selection.

Selecting music

1. From the **Music Menu**, tap **Rhapsody**.
2. Choose one of the following options:
   - Tap **Search** to search for Rhapsody music selections by artist, album, composer, or track.
   - Tap **Rhapsody Music Guide** to select from supplied Rhapsody content.
   - Tap **Rhapsody Channels** to select a Rhapsody radio station.
   - Tap **My Artists, My Albums, My Genres, My Tracks**, or **My Playlists** to select from music you have already saved to your Rhapsody Library.
3. Make a music selection, and then choose one of the following:
   - **Play Now** to play the selection now
   - **Replace Queue** to play the selection now while clearing the queue of previous music selections
   - **Add to Queue** to add it to the end of your music queue
   - Tap **Add to Library** to add it to your Rhapsody library. If you are choosing a track that is already in your Rhapsody Library, this selection appears as **Delete**

from Library.

Selecting a Rhapsody radio station

1. From the **Music Menu**, tap **Rhapsody**>**Rhapsody Channels**. (If you are using the Rhapsody free trial, tap **Rhapsody Trial**.)
2. Tap to select a radio station.

Adding tracks or albums to your Rhapsody Library

From the **Now Playing** screen, tap to add a track or an album to your Rhapsody Library, or if you are selecting music while browsing Rhapsody, tap **Add To Library**.

SIRIUS®

Now you can listen to SIRIUS Internet Radio using your Sonos® Multi-Room Music System. Sonos connects directly to SIRIUS to give you instant access to more than 80 premium channels. Depending upon the country you live in, your Sonos system may come with a free, 30-day SIRIUS trial—no signup, no credit card necessary. To activate a music service trial, your Sonos system must be registered so if you have not yet registered, go to "System Registration" on page 1-5 for help with this step.

Note: SIRIUS may not be available in your country. If the SIRIUS Internet Radio trial does not appear as an option, you can go to ***www.sirius.com*** for more information.

- To use SIRIUS with your Desktop Controller, see "Using the Desktop Controller for Windows" on page 4-79.
- To use SIRIUS with your Desktop Controller, see "Using the Desktop Controller for Macintosh" on page 4-82.
- To use SIRIUS with your Sonos Controller 100, see "Using the Sonos Controller 100" on page 4-86.
- To use SIRIUS with your Sonos Controller for iPhone, see "Using the Sonos Controller for iPhone" on page 4-88.

Using the Desktop Controller for Windows

If you're new to SIRIUS Internet Radio

1. From the **Music Library,** click the **Music Services** tab.
2. Click **SIRIUS Internet Radio Trial.**
3. Select **I'm new to SIRIUS Internet Radio.**
4. Accept the SIRIUS terms and conditions, and then click **Next**.
5. Click **Finish**.

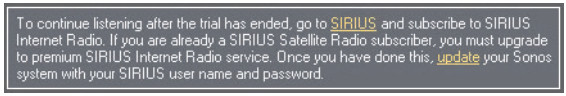
Your free SIRIUS trial account will be valid for 30 days.

Note: SIRIUS allows playback of one radio channel at a time in your household. This means that if you are listening to SIRIUS in your home office and someone in the kitchen starts a different SIRIUS channel, the SIRIUS channel in your home office will stop playing.

After the trial expires

After the free trial expires, if you wish to continue using SIRIUS with Sonos, you can become a *premium* SIRIUS Internet Radio Service subscriber. Go to ***www.sonos.com/SIRIUS/subscribe*** and click **Subscribe Now**. Once you become a premium subscriber, simply follow the steps below to add your SIRIUS account information to Sonos and you'll have instant access to SIRIUS from your Sonos Multi-Room Music System.

1. From the **Music Services** tab, select **SIRIUS Internet Radio Trial**.


To continue listening after the trial has ended, go to SIRIUS and subscribe to SIRIUS Internet Radio. If you are already a SIRIUS Satellite Radio subscriber, you must upgrade to premium SIRIUS Internet Radio service. Once you have done this, update your Sonos system with your SIRIUS user name and password.

2. Click the **Update** link.
3. Click **Next**.
4. Enter your SIRIUS user name, and password, and then click **Next**. Your user name and password will be verified with SIRIUS.

IF for some reason the **SIRIUS Internet Radio** trial no longer displays on the **Music Services** tab, you can add your account membership information to Sonos this way instead:

1. From the **Music** menu, select **Set Up Music Services**.
2. Select the **SIRIUS Internet Radio Trial**, and click **Subscribe**.
3. Click **Next**.
4. Enter your SIRIUS user name, and password, and then click **Next**. Your user name and password will be verified with SIRIUS.

If you already have a SIRIUS account

1. From the **Music Library,** click the **Music Services** tab.
2. Click **SIRIUS Internet Radio Trial.**
3. Select **I already have a SIRIUS Internet Radio account.**

Enter your SIRIUS user name and password, and then click **Next**. (If you do not know your SIRIUS user name and password, you can contact SIRIUS directly to retrieve them.) Your user name and password will be verified with SIRIUS. If you are a ***standard SIRIUS Satellite Radio subscriber***, you'll have access to a free 30-day SIRIUS Internet Radio trial. After the trial, if you want to keep listening to SIRIUS on Sonos, simply upgrade your SIRIUS account to SIRIUS Internet Radio's premium audio offering. See **Upgrading your SIRIUS account** below for help with this step.

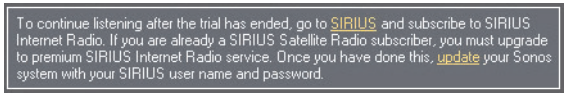
If you are already a ***premium SIRIUS service subscriber***, Sonos will automatically skip the 30-day trial and give you instant access to SIRIUS from your Sonos Multi-Room Music System. Nothing additional is required.

Upgrading your SIRIUS account

Note: If you wish to continue using SIRIUS with Sonos after the trial period ends, you will have to upgrade your SIRIUS account to a premium level subscription. You can go to ***www.sonos.com/SIRIUS/subscribe*** and click **Upgrade Now**.

Once you become a premium SIRIUS subscriber, simply follow the steps below to update Sonos with your membership information and you'll have instant access to SIRIUS from your Sonos Multi-Room Music System.

1. From the **Music Services** tab, select **SIRIUS Internet Radio Trial**.


To continue listening after the trial has ended, go to SIRIUS and subscribe to SIRIUS Internet Radio. If you are already a SIRIUS Satellite Radio subscriber, you must upgrade to premium SIRIUS Internet Radio service. Once you have done this, update your Sonos system with your SIRIUS user name and password.

2. Click the **Update** link.
3. Click **Next**.
4. Enter your user name and password, and click **Next**.

Your account information will be verified with SIRIUS. (If you have not yet upgraded your account with SIRIUS, your user name and password will not work.)

IF for some reason the **SIRIUS Internet Radio** trial no longer displays on the **Music Services** tab, you can update your account membership information this way instead:

1. From the **Music** menu, select **Set Up Music Services**.

   The music services that are currently configured to work with your Sonos system are displayed. If **SIRIUS Internet Radio Trial** is displayed, select it, and press **Subscribe**. Your user name and password will be verified with SIRIUS. If **SIRIUS Radio Trial** is not displayed, continue on to step 2.
2. Press the **Add** button.
3. Select **SIRIUS Internet Radio**, and click **Next**.
4. Select the **SIRIUS Internet Radio** button, and click **Next**.
5. Enter your SIRIUS user name and password, and click **Next**. Your user name and password will be verified with SIRIUS.

Selecting a SIRIUS radio station

Note: Some SIRIUS radio stations contain adult content that may not be suitable for children under 18. If you would like to remove the SIRIUS 30-day trial from your Sonos music system after you activate it, please see "Removing a music service trial" on page 4-34.

1. From the **Music Library** pane, click the **Music Services** tab and select **SIRIUS.**
   - If the **Music Services** tab is not displayed in the Music Library, see "Showing/hiding the Music Services tab" on page 4-32.

2. Select a category, select a radio station, and click **Play Now.**

Note: SIRIUS allows playback of one radio channel at a time in your household. This means that if you are listening to SIRIUS in your home office, and someone in the kitchen starts a different SIRIUS channel, the SIRIUS channel in your home office will stop playing.

Using the Desktop Controller for Macintosh

If you're new to SIRIUS Internet Radio

Your Sonos system comes with a free 30-day SIRIUS trial—no signup, no credit card necessary. To activate a music service trial, your Sonos system must be registered so if you have not yet registered, go to "System Registration" on page 1-5 for help with this step.

Note: SIRIUS may not be available in your country. If the SIRIUS Internet Radio trial does not appear as an option, you can go to ***www.sirius.com*** for more information.

1. From the **Music Library**, select the **Music Services** tab.
2. Select **SIRIUS Internet Radio Trial.**
3. Select **I'm new to SIRIUS Internet Radio.**
4. Accept the SIRIUS terms and conditions, and then click **Continue**.
5. Click **Done**.

Your free SIRIUS trial account will be valid for 30 days.

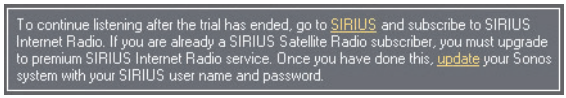
Note: SIRIUS allows playback of one radio channel at a time in your household. This means that if you are listening to SIRIUS in your home office, and someone in the kitchen starts a different SIRIUS channel, the SIRIUS channel in your home office will stop playing.

After the trial expires

After the free trial expires, if you wish to continue using SIRIUS with Sonos, you can become a premium SIRIUS Internet Radio Service subscriber. Go to ***www.sonos.com/SIRIUS/subscribe*** for subscription information. Once you become a

premium subscriber, simply follow the steps below to add your SIRIUS account information to Sonos and you'll have instant access to SIRIUS from your Sonos Multi-Room Music System.

1. From the **Music Services** tab, select **SIRIUS Internet Radio Trial**.


To continue listening after the trial has ended, go to SIRIUS and subscribe to SIRIUS Internet Radio. If you are already a SIRIUS Satellite Radio subscriber, you must upgrade to premium SIRIUS Internet Radio service. Once you have done this, update your Sonos system with your SIRIUS user name and password.

2. Click the **Update** link.
3. Click **Continue**.
4. Enter your SIRIUS user name, and password, and then click **Continue**. Your user name and password will be verified with SIRIUS.

IF for some reason the **SIRUIUS Internet Radio** trial no longer displays on the **Music Services** tab, you can add your account membership information to Sonos this way instead:

1. From the **Music** menu, select **Set Up Music Services**.
2. Select the **SIRIUS Internet Radio Trial**, and click **Subscribe**.
3. Click **Continue**.
4. Enter your SIRIUS user name, and password, and then click **Continue**. Your user name and password will be verified with SIRIUS.

If you are a *standard* SIRIUS Satellite Radio subscriber

Your current SIRIUS subscription level includes free SIRIUS Internet Radio at *standard* audio quality - 32Kbps. Sonos requires premium audio quality streams - 128 Kpbs. Your Sonos system comes with a free 30-day, SIRIUS Internet Radio trial—no signup, no credit card necessary. After the trial, if you want to keep listening to SIRIUS Internet Radio using your Sonos Multi-Room Music System, upgrade your SIRIUS Satellite Radio account to a premium level subscription.

1. From the **Music Library,** select the **Music Services** tab.
2. Select **SIRIUS Internet Radio Trial.**
3. Select **I already have a SIRIUS Internet Radio account.**

4. Enter your SIRIUS user name and password, and then click **Continue**. Your user name and password will be verified with SIRIUS.

If you do not know your SIRIUS user name and password, you can contact SIRIUS directly to retrieve your user name and password, or you can press **Cancel** and select **I'm New to SIRIUS Internet Radio** instead.

Note: After your free trial period ends, if you wish to continue using SIRIUS with Sonos you will have to upgrade your SIRIUS account to a premium level subscription. You can go to ***www.sonos.com/SIRIUS*** for more information.

If you wish to upgrade, see **Upgrading your SIRIUS account** below.

If you are a *premium* SIRIUS subscriber

1. From the **Music Library,** click the **Music Services** tab.
2. Click **SIRIUS Internet Radio Trial.**
3. Select **I already have a SIRIUS Internet Radio account.**
4. Enter your SIRIUS user name and password, and then click **Next**. Your user name and password will be verified with SIRIUS.

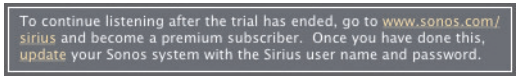
For ***premium*** SIRIUS Satellite Radio and Internet Radio service subscribers, Sonos will automatically skip the 30-day trial and give you instant access to SIRIUS from your Sonos Multi-Room Music System. Nothing additional is required.

Upgrading your SIRIUS account

Note: If you wish to continue using SIRIUS with Sonos after the trial period ends, you will have to upgrade your SIRIUS account to a premium level subscription. You can go to ***www.sonos.com/SIRIUS*** for more information.

Once you become a *premium* SIRIUS Satellite Radio or Internet Radio subscriber, simply follow the steps below to update Sonos with your membership information and you'll have instant access to SIRIUS from your Sonos Multi-Room Music System.

1. From the **Music Services** tab, select **SIRIUS Internet Radio Trial**.


To continue listening after the trial has ended, go to www.sonos.com/sirius and become a premium subscriber. Once you have done this, update your Sonos system with the Sirius user name and password.

2. Click the **Update** link.
3. Click **Continue**.

Your account information will be verified with SIRIUS.

IF for some reason the **SIRIUS Internet Radio** trial no longer displays on the **Music Services** tab, you can update your account membership information this way instead:

1. From the **Music** menu, select **Set Up Music Services**.

   The music services that are currently configured to work with your Sonos system are displayed. If **SIRIUS Internet Radio Trial** is displayed, select it, and press **Subscribe**. Your user name and password will be verified with SIRIUS. If **SIRIUS Radio Trial** is not displayed, continue on to step 2.
2. Press the **Add** button.
3. Select **SIRIUS Internet Radio**, and click **Continue**.
4. Select **SIRIUS Internet Radio**, and click **Continue**.
5. Enter your SIRIUS user name and password, and click **Continue**. Your user name and password will be verified with SIRIUS.

Selecting a SIRIUS radio station

Note: Some SIRIUS radio stations contain adult content that may not be suitable for children under 18. If you would like to remove the SIRIUS 30-day trial from your Sonos music system after you activate it, please see "Removing a music service trial" on page 4-34.

1. From the **Music Library** pane, click the **Music Services** tab and select **SIRIUS.**
   - If the **Music Services** tab is not displayed in the Music Library, see"Showing/hiding the Music Services tab" on page 4-32.

2. Select a category, select a radio station, and click **Play Now.**

Note: SIRIUS allows playback of one radio channel at a time in your household. This means that if you are listening to SIRIUS in your home office, and someone in the kitchen starts a different SIRIUS channel, the SIRIUS channel in your home office will stop playing.

Using the Sonos Controller 100

If you're new to SIRIUS Internet Radio

1. From the **Music** menu, select **Music Service Trials**.
2. Select **SIRIUS Internet Radio Trial** and press **OK**.
3. Select **I'm new to SIRIUS**, and follow the on-screen prompts to set up your Sonos music system.

Your free SIRIUS Internet Radio trial account will be valid for 30 days.

After the trial expires

After the free trial expires, if you wish to continue using SIRIUS with Sonos, you can become a premium SIRIUS service subscriber. Go to ***www.sonos.com/SIRIUS/subscribe*** for subscription information. Once you become a premium subscriber, simply add your SIRIUS account information to Sonos in order to have instant access to SIRIUS from your Sonos Multi-Room Music System.

1. From the **Music** menu, select **Music Service Trials**.
2. Select **SIRIUS Radio Trial**, and press **Manage**.
3. Select **Subscribe to SIRIUS**, and press **OK**.
4. Press **OK** again.
5. Enter your SIRIUS user name, and then press **Accept.**
6. Enter your SIRIUS password, and then press **Accept**.

   Your user name and password will be verified with SIRIUS.

If you already have a SIRIUS account

1. From the **Music** menu, select **Music Service Trials**.
2. Select **SIRIUS Internet Radio Trial** and press **OK**.

3. Select **I already have a SIRIUS account**, and then follow the on-screen prompts to set up your Sonos music system. (If you do not know your SIRIUS user name and password, you can contact SIRIUS directly to retrieve them.)
   - If you are a ***standard SIRIUS Satellite Radio subscriber***, your current subscription level includes SIRIUS Internet Radio at standard audio quality - 32Kbps. However, Sonos requires premium audio quality streams - 128 Kbps. Your Sonos system comes with a free 30-day, SIRIUS Internet Radio trial. After the trial, if you want to keep listening to SIRIUS using your Sonos Multi-Room Music System, simply contact SIRIUS and upgrade your SIRIUS account to a premium level subscription. See **Upgrading your SIRIUS account** below.
   - If you are already a ***premium SIRIUS service subscriber*** (premium Satellite Radio or Internet Radio service) Sonos will automatically skip the 30-day trial and give you instant access to SIRIUS from your Sonos Multi-Room Music System. Nothing additional is required.

Upgrading your SIRIUS account

After you contact SIRIUS to upgrade your account to a premium service level subscription, simply update Sonos with your SIRIUS membership information and you'll have instant access to SIRIUS from your Sonos Multi-Room Music System.

1. From the **Music** menu, select **Music Service Trials**.
2. Select **SIRIUS Internet Radio Trial**, and press **Manage**.
3. Select **Subscribe to SIRIUS**, and press **OK**.
4. Press **OK** again.

   Your user name and password will be verified with SIRIUS.

IF for some reason the **SIRIUS** Internet Radio trial no longer displays on the **Music Service Trials** screen, you can add your account membership information to Sonos this way instead:

1. From the **Music** menu, select **System Settings**>**Music Service Setup.**

   The music services that are currently configured to work with your Sonos system are displayed. If **SIRIUS Internet Radio Trial** is displayed, use the scroll wheel to highlight it, and press **Subscribe**. Your user name and password will be verified with SIRIUS. If **SIRIUS Radio Trial** is not displayed, continue on to step 2.
2. Press **Add.**

3. Select **SIRIUS Radio**>**SIRIUS Radio**, and press **OK.**
4. Enter your SIRIUS user name, and then press **Accept.**
5. Enter your SIRIUS password, and then press **Accept**.

   Your user name and password will be verified with SIRIUS.

Selecting a radio station

Note: Some SIRIUS radio stations contain adult content that may not be suitable for children under 18. If you would like to remove the SIRIUS 30-day trial from your Sonos music system after you activate it, please see "Removing a music service trial" on page 4-34.

1. From the **Music** menu, select **SIRIUS** and press **OK**. (If you are using the SIRIUS Radio trial, select **Music Service Trials**>**SIRIUS Internet Radio Trial** instead).

   Your SIRIUS radio stations are displayed.
2. Use the scroll wheel to select a radio station, and press **OK**.

Note: SIRIUS allows playback of one radio channel at a time in your household. This means that if you are listening to SIRIUS in your home office, and someone in the kitchen starts a different SIRIUS channel, the SIRIUS channel in your home office will stop playing.

Using the Sonos Controller for iPhone

If you're new to SIRIUS Internet Radio

1. From the **Music Menu**, tap **More Music...**
2. Tap **SIRIUS Internet Radio**.
3. Tap **I'm new to SIRIUS Internet Radio**, and then follow the on-screen prompts to activate your trial account. Your trial account will be valid for 30 days.

After the trial expires

After your free trial expires, if you wish to become a SIRIUS Internet Radio subscriber, you can go to ***www.sonos.com/SIRIUS/subscribe*** and click **Subscribe Now**. Once you become a premium SIRIUS subscriber, simply update Sonos with

your membership information (steps below) in order to have instant access to SIRIUS from your Sonos Multi-Room Music System.

1. From the **Music Menu**, tap **SIRIUS Internet Radio.**
2. Tap **Subscribe**, and then tap **Next**.
3. Type your SIRIUS user name and password, and then tap **Done.**

   Your credentials will be verified with SIRIUS, and then you will have instant access to SIRIUS from your Sonos Multi-Room Music System. Simply select **SIRIUS Internet Radio** from the **Music Menu** to make a music selection.

If you already have a SIRIUS account

1. From the **Music Menu, tap More Music...**
2. Tap **SIRIUS Internet Radio**.
3. Select **I have an account**, and then follow the on-screen prompts to set up your Sonos music system. (If you do not know your SIRIUS user name and password, you can contact SIRIUS directly to retrieve them.)
   - If you are a ***standard SIRIUS Satellite Radio subscriber***, your current subscription level includes SIRIUS Internet Radio at standard audio quality - 32Kbps. However, Sonos requires premium audio quality streams - 128 Kbps. Your Sonos system comes with a free 30-day, SIRIUS Internet Radio trial. After the trial, if you want to keep listening to SIRIUS using your Sonos Multi-Room Music System, simply contact SIRIUS and upgrade your SIRIUS account to a premium level subscription. See **Upgrading your SIRIUS account** below.
   - If you are already a ***premium SIRIUS Internet Radio subscriber***, Sonos will automatically skip the 30-day trial and give you instant access to SIRIUS from your Sonos Multi-Room Music System. Nothing additional is required.

Upgrading your SIRIUS account

After you contact SIRIUS to upgrade your account to a premium service level subscription, simply follow the steps below to reenter your SIRIUS user name and password.

1. From the **Music Menu,** tap **SIRIUS Internet Radio.**
2. **Tap Subscribe**, and then tap **Next.**
3. Type your SIRIUS user name and password, and then tap **Done**.

Your credentials will be verified with SIRIUS, and then you will have instant access to SIRIUS from your Sonos Multi-Room Music System. Simply select **SIRIUS Internet Radio** from the **Music Menu** to make a music selection.

Selecting a radio station

Note: Some SIRIUS radio stations contain adult content that may not be suitable for children under 18. If you would like to remove the SIRIUS 30-day trial from your Sonos music system after you activate it, please see "Removing a music service trial" on page 4-34.

1. From the **Music Menu,** tap **SIRIUS Internet Radio**. (If you are using the SIRIUS Radio trial, select **SIRIUS Internet Radio Trial** instead).

   Your SIRIUS radio stations are displayed.

2. Tap a radio station to select it.

Note: SIRIUS allows playback of one radio channel at a time in your household. This means that if you are listening to SIRIUS in your home office, and someone in the kitchen starts a different SIRIUS channel, the SIRIUS channel in your home office will stop playing.

Windows Media® Player 11

The Sonos® Multi-Room Music System is compatible with Windows Media Player 11. Once you have Windows Media Player on your computer, you must make sure *media sharing* is turned on so that the Sonos Multi-Room Music System can access the music stored in your WMP library. This is a one-time preference setting.

When media sharing is turned on, Sonos can play all the music in your WMP library, including songs you've downloaded from a music download service such as AOL® Music Now, URGE™, Wal-Mart®, Yahoo! Music™ Unlimited, and Zune™ Marketplace.

Enabling Windows media sharing

1. Start Windows Media Player 11.

2. Click the **Library** tab.
3. Select **Media Sharing**.
4. Click the **Share my media** checkbox, and click **OK**.

After you turn on media sharing, a list of your networked devices will appear.

5. Click to highlight the first ZonePlayer in the list, and click **Allow**.

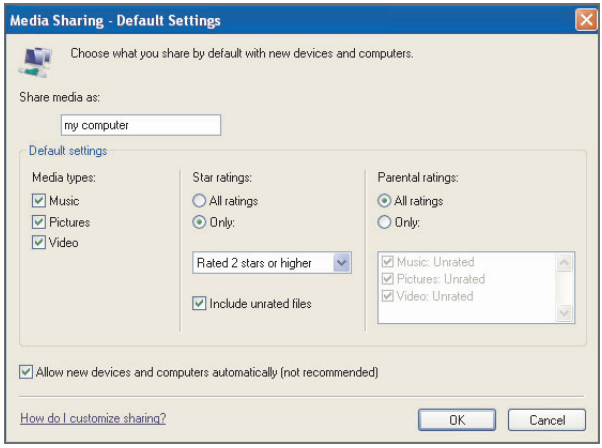
6. Select the next ZonePlayer and click **Allow**, repeating this procedure until ***all of your ZonePlayers*** display a green checkmark (see illustration below).

Note: If you do not allow media sharing on all ZonePlayers, those ZonePlayers will not be able to play the music stored in your Windows Media Player library.

Turning on automatic media sharing

You may want to turn on automatic media sharing so that you don't have to manually share a new device each time you add one to your network.

1. Start Windows Media Player 11.
2. Click the **Library** tab.
3. Select **Media Sharing**.
4. Click the **Settings** button.



5. Check the **Allow new devices and computers automatically** checkbox.

When this box is checked, you will no longer be prompted to set up media sharing when you add a new device to your network - it will be set up for you automatically.

Selecting music from Windows Media Player

Music selection choices include:

- Artists
- Contributing Artists
- Albums
- Composers
- Genres
- Tracks
- Playlists

1. From the **Music Library** pane, click the **Music Services** tab and select **Windows Media.**
   - If the **Music Services** tab is not displayed in the Music Library, see "Showing/hiding the Music Services tab" on page 4-32.
2. Highlight a music selection and click **Play Now** or **Add to Queue** (adds to the end of your music queue.)

Sonos Playlists

Sonos Playlists are music queues you create and save for future listening. For example, you might want to create a *jazz* playlist, a *party* playlist, or an *easy listening* playlist.

Creating a Sonos Playlist

Using the Desktop Controller

1. Create a music queue by selecting music tracks from your music library.
2. Choose one of the following options:
   - From the **Queue** pane, click **Save Queue**, or

- Select **Queue**>**Save Queue as Sonos Playlist** from the **Play** menu.

3. Type a name for this playlist, and press **OK** (Windows) or **Save** (Macintosh). This queue is now accessible from the **Sonos Playlists** tab.

To play a saved queue, highlight the desired playlist from the **Sonos Playlists** tab, and then choose one of the following options:

- Select **Play Now** to start the playlist immediately
- Select **Add to Queue** to add it to the end of your current music queue
- Right-click and select **Play Now and Replace Queue** to clear the current queue and replace it with this playlist
- Select **Play Now and Replace Queue** from the **Music** menu to clear the current queue and replace it with this playlist

Using the Sonos Controller

1. From the **View Queue** window, press **Edit Queue.**
2. Select **Save Queue**, and choose one of the following options:
   - Press **OK** to save the playlist using the name displayed.
   - Select **Save over an existing playlist**, and then choose the playlist you wish to update.
   - Select **Enter a Different Name** and use the keyboard to type another name such as *jazz* or *party*.

Enter a name for the Sonos Playlist:
a b c d e f g h i j
k l m n o p q r s t
u v w x y z / \ : .
1 2 3 4 5 6 7 8 9 0
Space
Backspace
Lower
Caps
Symbols
Shift
Cancel

3. Press **OK** after each letter entry, and then **Accept** when finished.

You can access these saved Sonos playlists later from the **Music** menu.

Deleting a Sonos Playlist

Using the Desktop Controller

1. From the **Sonos Playlists** tab, highlight the playlist you want to delete.
2. Choose one of the following options:
   - Click **Delete**, or
   - Click **Delete Playlist** from the **Music** menu.

Using the Sonos Controller

1. From the **Music** menu, select **Sonos Playlists**, and press **OK**.
2. Use the scroll wheel to highlight the playlist you want to delete, and press **Rename/Delete**.
3. Select **Delete Playlist**, and press **OK**.
4. Select **Yes** to confirm, and press **OK**.

Renaming a Sonos Playlist

Using the Desktop Controller

1. From the **Sonos Playlists** tab, highlight the playlist you want to rename.
2. Choose one of the following options:
   - Right-click and select **Rename Playlist,** or
   - Select **Rename Playlist** from the **Music** menu.
3. Select **Rename Playlist** from the **Music** menu.

Using the Sonos Controller

1. From the **Music** menu, select **Sonos Playlists**, and press **OK**.
2. Use the scroll wheel to highlight the playlist you want to rename, and press **Rename/Delete**.
3. Select **Rename Playlist**.
4. Type a new name for the playlist, and then press **Accept**.

Radio

Sonos includes a radio guide that provides access to thousands of free Internet radio stations and broadcast programs. You can easily find radio from all over the world—music, news, and variety programming, including archived shows and podcasts.

- If you have a music service enabled on your computer, you can additionally select Internet radio stations from your music service.
- Sonos currently supports MP3 and WMA streaming audio formats.
- If you can't find your favorite radio station or show, you can go to "Some radio stations are missing" on page A-9 for additional information.

Selecting a radio station or show

Using the Desktop Controller

1. Select the zone you want to listen in.
2. Click the **Radio** tab.
3. Choose one of the following options:
   - Search for a radio station, radio show or podcast by entering search criteria (full or partial) in the **Search** field. Select a category (Stations, Shows, or Hosts), and then click the **Search** button.
   - Select a station from your **Favorites** folder (these are stations or shows you have previously saved as Favorites).
   - Select a station from your **Local Radio** location (these are stations or shows located in your local area. To set up a local radio location, see "Adding a station or show to your Favorites list" on page 4-101.
   - Select a station or show by selecting from a category (including Music, Talk, and Location).

Using the Sonos Controller

1. Press the **Zones** button to select the zone you want to listen in.
2. Press the **Music** button to display the **Music** menu.

3. Select **Radio** and press **OK**.

4. Choose one of the following options:
   - Select a radio station, radio show or podcast from your **Favorites** folder (these are stations or shows you have previously saved as Favorites).
   - Search for a radio station, radio show or podcast. Select **Search** and then select a category (Stations, Shows, or Hosts). Enter your search criteria (full or partial), and press the **Search** soft key.
   - Select a radio station from **Local Radio** (these are radio stations located in your local area. To set up a local radio location, see "Setting up or changing a local radio location" on page 4-97.
   - Select a radio station or radio show by *category* (such as Music, Talk, or Location). Select a category, press **OK**, and use the scroll wheel to browse the category and make a selection.
   - If you want to add a selected radio station to your *Favorite Stations* list, press **Add to Favorites**. To add a radio station that does not appear in the pre-existing list, see "Adding a new radio station" on page 4-99.

Setting up or changing a local radio location

Using the Desktop Controller

1. Select the zone you want to listen in.
2. Click the **Radio** tab.

3. You can search for a radio station, radio show or podcast by entering search criteria (full or partial) in the **Search** field.

Select a category (Stations, Shows, or Hosts), and then click the **Search** button.

Using the Sonos Controller

1. Press the **Zones** button to select the zone you want to listen in.
2. Press the **Music** button to display the **Music** menu.
3. Select **Radio**>**Search** and then select a category (Stations, Shows, or Hosts).
4. Enter your search criteria (full or partial), and then press the **Search** soft key.

Selecting a local radio location will give you easy access to local radio stations in that city. There are two ways you can set your location:

- by entering a zip code (U.S. only)
- by selecting a city

Using the Desktop Controller

1. Select the **Radio** tab.
2. Select the **Local Radio** folder, and click **Change Location**.

Desktop Controller for Windows

Desktop Controller for Macintosh

3. Select a new location and then press **OK** (PC) or **Done** (Macintosh).

Using the Sonos Controller

1. From the **Music** menu, select **Radio** and press **OK**.
2. Highlight **Local Radio,** and then press the **Change Location** soft key.
3. Choose one of the following options:

- Select **Enter Zip Code** as your search criteria and you will be prompted to enter your zip code.

Please enter your postal code
a b c d e f g h i j
k l m n o p q r s t
u v w x y z @ . - _
1 2 3 4 5 6 7 8 9 0
Space
Backspace
Lower
Caps
Symbols
Shift
Cancel

- Or, select **City** as your search criteria, and use the scroll wheel to select your desired location.

Adding a new radio station

You can use the Desktop Controller software to add a radio station that does not appear in the radio guide. You must know the streaming URL, and the station must use the streaming MP3 broadcast format. This station will be added to your Favorites list.

1. Open the Desktop Controller software.

2. Click the **Radio** tab.
3. Choose one of the following options:
   - Select **Add New**, or
   - Select **Add New Radio Station** from the **Music** menu.
4. Type the streaming URL for the radio station you want to add to your station list (for example: ***http://shoutcast.com/sbin/shoutcast-playlists.pls?rn=8107&file=filename.pls***).
5. Type the radio station's name in the **Station Name** field, and click **OK** (Windows) or **Add** (Macintosh).

The new radio station gets added to your **Favorites** list.

Editing a radio station

Use the Desktop Controller software to edit a radio station.

Note: You can only edit the streaming URL or station name for those radio stations you manually added to your *Favorites* list.

1. Click the **Radio** tab.
2. Click to highlight a radio station, and then choose one of the following options:
   - Select **Edit**, or
   - Select **Edit Radio Station** from the **Music** menu.
3. Change the streaming URL, the station name, or click **Add to Favorites** to add the station to your Favorites list, and click **OK**.

Adding a station or show to your Favorites list

When you add a radio station or show to your *Favorites* list, it is duplicated in one of the Favorites folders (Radio Station or Radio Show), not moved from the original radio list.

Using the Desktop Controller

From the **Radio** tab, highlight a radio station or radio show, and click **Add to Favorites**.

Using the Sonos Controller

1. From the **Music** menu, select **Radio**.
2. Use the scroll wheel to find and highlight a radio station or radio show, and then press the **Add to Favorites** soft key.

Deleting a station or show from your Favorites list

1. Open the Desktop Controller software.
2. From the **Music Library** pane, select the **Radio** tab.
3. Select the **Favorites** folder.
4. Highlight the station you want to delete from your Favorites folder, and then click **Delete.**

Desktop Controller for Windows

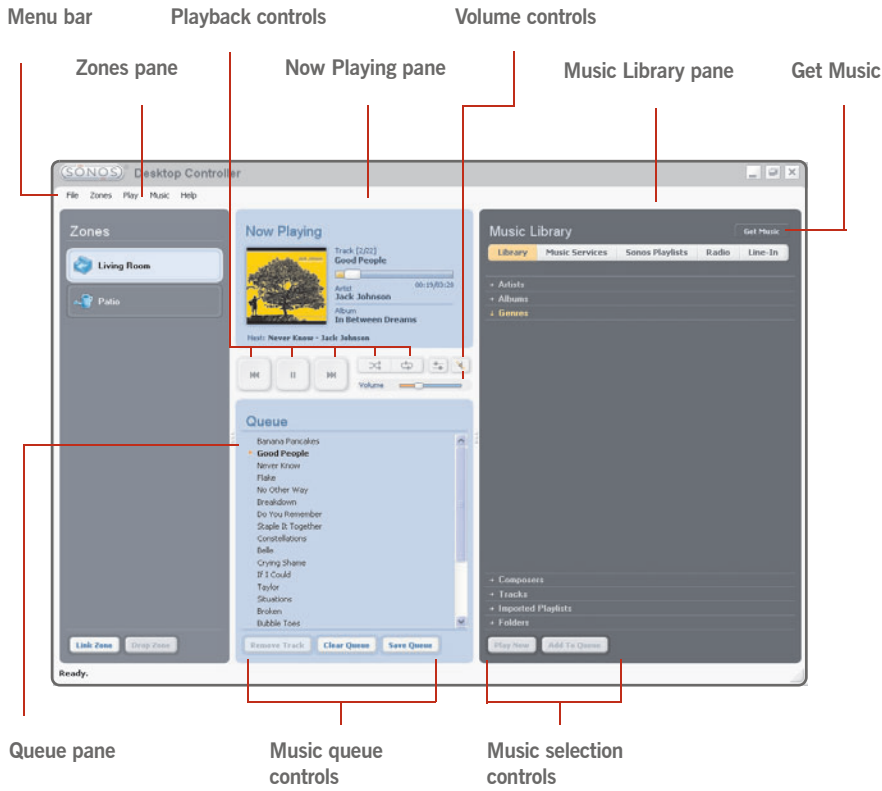
The Sonos Desktop Controller (DCR) software is compatible with Windows® XP and higher operating systems. (You can visit our Web site at ***http://faq.sonos.com/specs*** for the latest system requirements and compatible audio formats.)

For easy setup, you should install the Desktop Controller for Windows software on every Windows computer in your network that contains music files. However, if you wish to access music stored on a computer where file sharing is not enabled and the Desktop Controller software is not installed, you can go to our Web site at ***http://faq.sonos.com/sharing*** for assistance.

If you have recently upgraded from Windows XP to Windows Vista and you are experiencing problems, see After upgrading to Windows Vista, music doesn't play.

Chapter 5

Playback Controls



Select an action in one of the following ways:

- Click an action button
- Select an action from the Menu bar
- Highlight a selection and then right-click

The **Now Playing** pane displays track information for the music you are currently listening to. You can control the music settings for the current selection using the playback controls below:

Play/Pause

Toggles between playing and pausing the current track.

Next/Fast Forward

Click to jump to the start of the next track in the queue; click and hold down button, or click and drag progress bar to fast forward.

Previous/Rewind

Click to move backward; click and hold down button, or click and drag progress bar to fast forward.

Shuffle

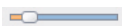
Click to play the tracks in the music queue to play in a random order.

Repeat

Click to repeat the queue list after the last track has finished.

Volume Control

You can control the volume for an individual zone, or for a zone group if you have joined more than one room together. If you have two or more zones linked in a zone group, click the **Equalizer** button to adjust the volume for each zone individually.



Volume control

Click or drag the volume control bar to increase (+) or decrease (-) the volume. If a zone group is highlighted in the Zones pane, the volume change applies to all zones in the group. If a single zone is highlighted, the volume change applies to that room only.

Equalizer

Use to adjust the sound settings for a ZonePlayer, or to adjust volume for an individual zone within a zone group.

Mute

1. From the **Zones** pane, click to highlight the zone you want to mute.

2. Choose one of the following options:
   - Click the **Mute** button. To unmute, click the **Mute** button again.
   - From the **Play** menu, click **Mute Zone**. To unmute, click **Unmute Zone.**

Mute all zones

You can temporarily mute all of your ZonePlayers at any time. The track will continue to progress, but there will be no sound emitted.

- To mute all the zones in your household, click **Mute All Zones** from the **Play** menu.
- To unmute, click **Unmute All Zones** from the **Play** menu.

Clock and Alarms

This section discusses how to use the clock and alarms features on your Desktop Controller. For help using your handheld Controller, go to Clock and Alarms.

Setting date and time

1. From the **Zones** menu, select **Clocks and Alarms**.
2. Click the **Date and Time** button.
3. Choose one of the following options:
   - Select your time zone, desired time format, and date format, and then click **OK**.
   - Select the **Select the date and time from the Internet** radio button, and then click **OK**.
   - Select the **Set the date and time manually** radio button. Make your selections from the displayed fields, and then click **OK**.

Adding an alarm

1. From the **Zones menu, select Clocks and Alarms**.
2. Click **New**.

3. Choose the desired settings for this alarm, including the alarm time, the zone you would like the alarm to play in, the music source you'd like to play from, the frequency of the alarm, and the volume and duration settings.

Note: If the music you've selected is not available (such as an Internet radio station that has dropped off), your alarm will play the Sonos chime instead.To stop the chime, you can press **Pause**.

- If you check **Include linked zones**, the alarm will play in the zones that are linked together at the time the alarm goes off. It does not play in the zones that were linked when the alarm was originally added to the Sonos system.
- If you check **Shuffle music**, the play mode for the selected alarm music will be set to shuffle.

Editing an alarm

1. From the **Zones** pane, click to highlight the zone you want to change the alarm setting for.
2. From the **Zones** menu, select **Clocks and Alarms**.
3. Select the alarm you wish to change, and click **Edit.**
4. Make the desired changes, and click **OK**.

If you check **Include Linked Zones**, the alarm will play in the zones that are linked together when the alarm goes off. It does not play in the zones that were linked when the alarm was originally added to the Sonos system.

Deleting an alarm

1. From the **Zones** pane, click to highlight the zone you want delete the alarm setting for.
2. From the **Zones** menu, select **Clocks and Alarms**.
3. Select the alarm you wish to delete, and click **Delete**.

Showing the clock screen

Once an alarm has been added to your Sonos system, you can set a preference to have the clock screen show automatically on a handheld Controller when the alarm sounds.

1. From the **Music** menu on your handheld Controller, select **Clock and Alarms**>**Alarms**.
2. Select the alarm from the list, and then click **Advanced**.
3. Select **Show Clock on this Controller**. (If you want the clock to show on any other Controllers, repeat this process on the other Controllers.)

Setting a sleep timer

1. From the **Zones** pane, click to highlight the zone or zone group you want to set up a sleep timer for.
2. From the **Zones** menu, select **Sleep Timer**.
3. Select the desired time frame, and then click **OK**.
4. If you wish to turn the sleep timer off, select **Off** from the list, and click **OK**.

Note: When a sleep timer is active, the sleep timer icon displays in the **Now Playing** pane.

Software Updates

Sonos provides software updates for your music system in order to improve performance and add features. Your music system must be registered in order to receive these software updates. If you have not yet registered, see "System Registration" on page 1-5.

There are two options available:

- Periodically check for updates. An alert will appear when you start the Desktop Controller software indicating that an update is available.
- Do not check for updates.

Setting software update preferences

1. From the **File** menu, select **Preferences.**
2. Click the **Updates** tab.
3. Select the desired setting from the **Software Update Notifications** section.

Downloading software updates

1. From the **Help** menu, select **Check for Updates.**
2. If there are updates available, click **Update Now** to download.
   - Your ZonePlayers, as well as your Desktop Controller software, will be updated as Sonos components must carry the same software version number. This process may take several minutes per device, depending upon your network connection. **Your Sonos Desktop Controller software will automatically close and then re-open during the update process.**
   - Software updates to your handheld Sonos Controller must be initiated from the Controller, so if you have recently updated the Desktop Controller software, you will be prompted to update the handheld Controller the next time you use it. Simply follow the Controller's on-screen prompts.
   - If your software is up to date, the message "Your Sonos Multi-Room Music System is up to date. No updates are required" will appear instead.

Caution: Do not disconnect power from your ZonePlayer(s), or in any way disable your Sonos Multi-Room Music System while this process is running. Contact Sonos Customer Support if an error occurs.

ZonePlayer software updates

One or more ZonePlayers may need to be updated when you purchase a new ZonePlayer with a later software version, or if you plug in a ZonePlayer that was not in use when you performed your last software update. If a ZonePlayer's software version gets out of sync from the rest of your Sonos Multi-Room Music System components, you will see the following message displayed in the **Zones** pane:

Click the outdated zone to begin the software update process.

Additional Preferences

Selecting a different wireless channel

The Sonos Multi-Room Music System selects the optimal radio frequency channel during setup. However, if you have other wireless devices using this channel, you may want to switch the Sonos Multi-Room Music System to another channel to avoid conflicts, as conflicts may cause audio drop-outs.

1. From the **File** menu, select **Preferences**.
2. Click the **Advanced** tab.
3. Select another wireless channel from the **Wireless Channel** drop-down list, and click **OK**.

It may take several seconds for the switch to take effect. If you have music playing, a short music dropout will occur during the wireless channel change.

Line-in encoding

The audio from line-in sources can be encoded to produce *compressed* or *uncompressed* audio. We recommend the following usage guidelines:

- Use **Uncompressed** if:
  - You want optimal performance with home theaters.
  - You want to produce the highest quality sound for your multi-zone Sonos system (this selection requires more network bandwidth than compressed audio.)
- Use **Compressed** if:
  - You are connecting more than 4 zones wirelessly.

1. From the **File** menu, select **Preferences**.
2. Click the **Advanced** tab.
3. Select **Compressed** or **Uncompressed** from the **Line-In Encoding** list, and click **OK**.

When *Compressed* is selected, you will notice a delay before the music starts to play. When *Uncompressed* is selected, this delay is significantly reduced.

Firewall Information

The Sonos Multi-Room Music System is designed to work with existing firewall software. Information for some common firewall software is listed below. If your software firewall is not listed, please see ***http://faq.sonos.com/firewall*** for the latest firewall information or contact Sonos Technical Support at ***www.sonos.com/support***.

Microsoft Windows Firewall

1. When installing the Sonos Desktop Controller, select **Unblock** in the **Windows Firewall**.
2. If the dialog box does not appear, go to **Start>Settings>Control Panel**.
3. Click **Security Center>Windows Firewall**.
4. Click the **Exceptions** tab.
5. Make sure **Sonos Desktop Controller** has a check mark next to it.
6. If you don't see **Sonos Desktop Controller** and you have already installed the Sonos Desktop Controller, click the **Add Program** button and browse until you find **Sonos Desktop Controller**.
7. Click to highlight, and then click **OK**.

Zone Alarm (free version)

1. Display the **Firewall** settings screen.
2. From the **Main** tab, check to make sure the *Trusted Zones Security* is set to **Medium** (default setting) level security, and the *Net BIOS ports* are open (default).
3. Click the **Zones** tab, and verify that the network the Sonos Zone Player resides on is set to **Trusted.**
4. From the **Program Control** screen, make sure the Sonos Desktop Controller (Sonos.exe) application is allowed *full access* to the Internet/Network.
5. When launching the Sonos Desktop Controller, select **Remember this Setting** and click **Allow**.

Note: The Sonos Multi-Room Music System will not operate correctly if the Trusted Zone is set to 'High' and if Net BIOS ports are blocked.

Zone Alarm Pro

1. Display the **Firewall** settings screen.
2. From the **Main** tab, check to make sure the *Trusted Zones Security* is set to **Medium** (default setting) level security.
3. From the **Program Control** screen, make sure the Sonos Desktop Controller (Sonos.exe) application is allowed *full access* to the Internet/Network.
4. When launching the Sonos Desktop Controller, select **Remember this Setting** and click **Allow**.

Note: The Sonos Multi-Room Music System will not operate correctly if the Trusted Zone is set to **High,** and if NetBIOS ports are blocked.

McAfee Personal Firewall Plus

5. When the Sonos Application requests access to the Internet, select **Grant Access**.Select a security level from the **Security Settings** tab. The Sonos Multi-Room Music System is compatible with all McAfee Personal Firewall configurations except **Lockdown**.
6. From the **Internet Applications** tab, make sure that the Sonos Application is set to **Allow Full Access**.

If the above configuration does NOT let the Sonos Multi-Room Music System operate correctly, you can try changing the firewall settings to allow access to your music and your ZonePlayers.

- Open the firewall by double-clicking the icon in the system tray - typically in the bottom right corner of your screen.
- Select **Utilities** in the **System Services.**
- Put a check mark in the box next to **Microsoft Directory Server Port 445**.
- Put a check mark in the box next to **Universal Plug and Play (UPNP) Port 5000**.

- Select **OK**.

Norton Personal Firewall

The Norton Personal Firewall is fully compatible with the Sonos Multi-Room Music System. Follow the steps below to configure your firewall:

1. Make sure the Sonos Desktop Controller is allowed full access on all ports (when asked) by selecting **Always allow connections in this program on all ports.**
2. Select **Permit** from the **What do you want to do** drop-down when sonos.exe attempts to access the Internet.
3. Allow sonos.exe to connect to a DNS server by selecting **Always allow connections in this program on all ports.**
4. From the **Firewall** tab, select a firewall level. The Sonos Multi-Room Music System is compatible with any Internet Security setting you choose, from **High** to **Off**.
5. From the **Programs** tab, make sure that sonos.exe is set to **Permit All**.

For Professional Firewall users, all of the following settings must be changed on the **Advanced** selections screen:

- Scroll to **Default Inbound Net BIOS Name**, click **Modify**, click **Permit**, then click **OK**.
- Scroll to **Default Block MS Windows Vista SMB**, click **Modify**, click **Permit**, then click **OK**.
- Scroll to **Block Windows File Sharing**, click **Modify**, click **Permit**, then click **OK**.
- Scroll to **Inbound UDP**, click **Modify**, click **Permit**, then click **OK**.
- Click **OK** to exit the Advanced Firewall selections screen.

Note: The Sonos Multi-Room Music System will NOT function correctly if 'Block Traffic' is enabled.

ISS Black Ice Protection

If you are running Black Ice Protection, be sure to allow the Sonos Desktop Controller (Sonos.exe) full access to the Internet and Network.

Black Ice Protection by Internet Security Systems is fully compatible with the Sonos Multi-Room Music System. Your music system will operate seamlessly if you select either the "**Cautious**" or "**Trusting**" protection level from the Firewall tab.

If you cannot access your music and Sonos Desktop Controller software after setting the Protection Level to **Cautious** or **Trusting**, please follow the instructions below:

1. Select the **Intruders** or **Events** tab.
2. Identify the ZonePlayer's IP address.
3. Right-click and select **Trust Intruder**>**Trust and Accept**.

   This setting will allow the Sonos Multi-Room Music System accessibility with all firewall security settings; Trusting, Cautious, Nervous, and Paranoid.

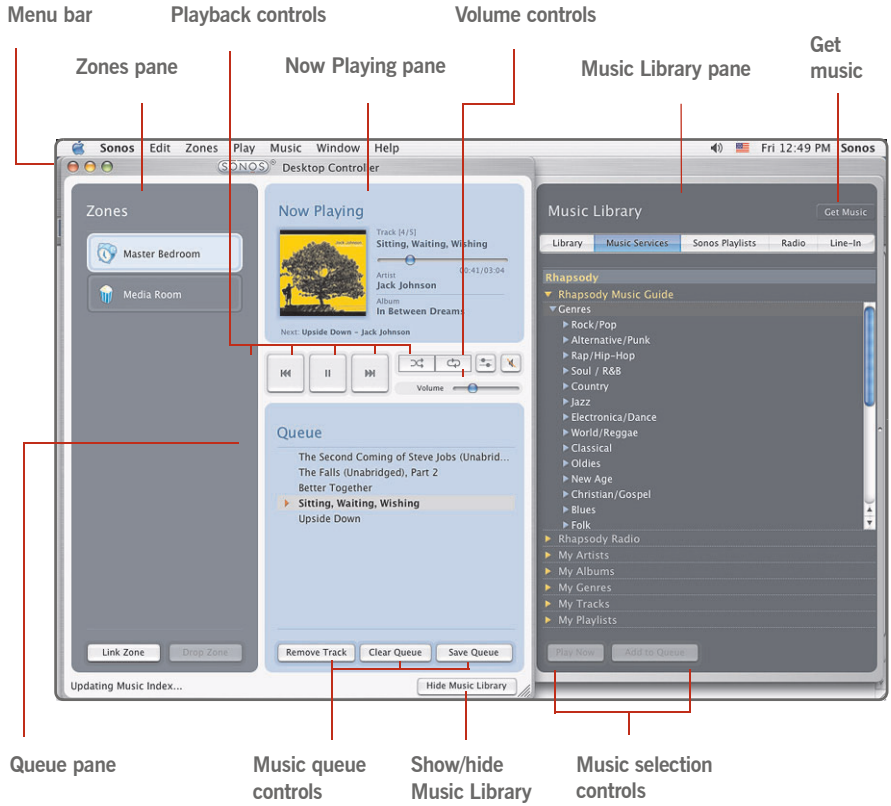
Desktop Controller for Macintosh

The Desktop Controller (DCR) software is compatible with Macintosh OS X, version 10.4 or later. (You can visit our Web site at ***http://faq.sonos.com/specs*** for the latest system requirements and compatible audio formats.)

For easy setup, you should install the Desktop Controller for Macintosh software on every Macintosh computer in your network that contains music files.

During the setup process, you may be asked to configure your Macintosh's firewall for Sonos. Also, if your Macintosh computer does not have Windows Sharing enabled, the Sonos Desktop Controller will guide you through the process of enabling it. Your music files are never copied from their current locations - your folders are simply shared out so they can be accessed by your Sonos Multi-Room Music System.

Chapter 6



Select an action in one of the following ways:

- Select a button
- Select an action from the menu bar

Playback Controls

Play/Pause

Toggles between playing and pausing the current track.

Next/Fast Forward

Select to jump to the start of the next track in the queue; select and hold down button, or select and drag progress bar to fast forward.

Previous/Rewind

Select to move backward; select and hold down button, or select and drag progress bar to rewind.

Shuffle

Select to play the tracks in the music queue in a random order.

Repeat

Select to repeat the queue list after the last track has finished.

Volume Control

You can control the volume for an individual zone, or for a zone group. If you have two or more zones linked in a zone group, select the **Equalizer** button or select **Equalizer** from the **Play** menu to adjust the volume for each zone individually.

Volume Control

Select or drag the volume control bar to increase (+) or decrease (-) the volume. If a zone group is selected in the Zones pane, the volume change applies to all zones in the group. If a single zone is selected, the volume change applies to that room only.

Equalizer

Use to adjust the sound settings for a ZonePlayer, or to adjust volume for an individual zone within a zone group.

Mute

Select to mute the sound in a zone (if you have a zone group, all rooms in the zone group are affected). Select again to unmute.

Muting all zones

- To mute all the ZonePlayers in your household, select **Mute All Zones** from the **Play** menu. The track will continue to progress, but no sound will be emitted.
- To unmute all, select **Unmute All Zones** from the **Play** menu.

Adjusting sound settings

Highlight a zone in the **Zones** pane and select the **Equalizer** button to change the sound settings (treble, bass, loudness, balance, or volume) for an individual ZonePlayer. (You can also select **Equalizer** from the **Play** menu.)

- When changing the volume for a *zone group*, use the group volume control on the left.
- If you have two or more zones in a group, use the **Equalizer** panel to adjust the volume for each zone individually.

Clock and Alarms

This section discusses how to use the clock and alarms features on your Desktop Controller. For help using your handheld Controller, go to Clock and Alarms .

Setting date and time

1. From the **Zones** pane, click to highlight the zone you want to set the date and time for.
2. From the **Zones menu, select Clocks and Alarms**.
3. Click the **Date and Time** button.
4. Choose one of the following options:
   - Select your time zone, desired time format, and date format, and then click **Set**.
   - Select the **Select the date and time from the Internet** radio button, and then click **Set**.
   - Select the **Set the date and time manually** radio button. Make your selections from the displayed fields, and then click **Set**.

Adding an alarm

1. From the **Zones menu, select Clocks and Alarms**.
2. Click **New**.
3. Choose the desired settings for this alarm, including the alarm time, the zone you would like the alarm to play in, the music source you'd like to play from, the frequency of the alarm, and the volume and duration settings.
   - If you check **Include linked zones**, the alarm will play in the zones that are linked together at the time the alarm goes off. It does not play in the zones that were linked when the alarm was originally added to the Sonos system.
   - If you check **Shuffle music**, the play mode for the selected alarm music will be set to shuffle.

Note: If the music you've selected is not available (such as a radio station that has dropped off), your alarm will play the Sonos chime instead. To stop the chime, you can press **Pause**.

Editing an alarm

1. From the **Zones** pane, click to highlight the zone you want to change the alarm setting for.
2. From the **Zones menu, select Clocks and Alarms**.
3. Select the alarm you wish to change, and click **Edit.**
4. Make the desired changes, and then click **Save**.

If you check **Include Linked Zones**, the alarm will play in the zones that are linked together when the alarm goes off. It does not play in the zones that were linked when the alarm was originally added to the Sonos system.

Deleting an alarm

1. From the **Zones** pane, click to highlight the zone you want delete the alarm setting for.
2. From the **Zones menu, select Clocks and Alarms**.
3. Select the alarm you wish to delete, and click **Delete**.

Showing the clock screen

Once an alarm has been added to your Sonos system, you can set a preference to have the clock screen show automatically on a handheld Controller when the alarm sounds.

1. From the **Music** menu on your handheld Controller, select **Clock and Alarms**>**Alarms**.
2. Select the alarm from the list, and then click **Advanced.**
3. Select **Show Clock on this Controller**. (If you want the clock to show on any other Controllers, repeat this process on the other Controllers.)

Setting a sleep timer

1. From the **Zones** pane, click to highlight the zone or zone group you want to set up a sleep timer for.
2. From the **Zones** menu, select **Sleep Timer**.
3. Select the desired time frame, and then click **OK**.
4. If you wish to turn the sleep timer off, select **Off** from the list, and click **OK.**

When a sleep timer is active, the sleep timer icon displays in the **Now Playing** *pane.*

Software Updates

Sonos provides software updates for your music system in order to improve performance and add features. Your music system must be registered in order to receive these software updates. If you have not yet registered, see System Registration .

There are two options available:

- Periodically check for updates. An alert will appear when you start the Desktop Controller software indicating that an update is available.
- Do not check for updates.

Setting software update preferences

1. From the **Sonos** menu, select **Preferences.**
2. Select the **Updates** tab.
3. Choose the desired setting from the **Software Update Notifications section**.

Downloading software updates

1. From the **Sonos** menu, select **Check for Updates**.
2. If there are updates available, select **Update Now** to download.
   - Your **ZonePlayers as well as your Desktop Controller software** will be updated, as all Sonos components must carry the same software version number. This process may take several minutes per device, depending upon your network connection. **Your Sonos Desktop Controller software will automatically quit and then re-open during the update process**.
   - Software updates to your handheld Sonos **Controller** must be initiated from the Controller, so if you have recently updated the Desktop Controller software, you will be prompted to update the handheld Controller the next time you use it. Simply follow the on-screen prompts.
   - If your software is up to date, the message "Your Sonos Multi-Room Music System is up to date. No updates are required" will appear instead.

Caution: Do not disconnect power from your ZonePlayer(s), or in any way disable your Sonos Multi-Room Music System while this process is running. Contact Sonos Customer Support if an error occurs.

ZonePlayer software updates

One or more ZonePlayers may need to be updated when you purchase a new ZonePlayer with a later software version, or if you plug in a ZonePlayer that was not in use when you performed your last software update. If a ZonePlayer's software version gets out of sync from the rest of your Sonos Multi-Room Music System

components, you will see the message, “Click to update system software” displayed in the **Zones** pane:

Click the outdated zone to begin the software update process.

Additional Settings

Selecting different wireless channel

The Sonos Multi-Room Music System selects the optimal radio frequency channel during setup. However, if you have other wireless devices using this channel, you may want to switch the Sonos Multi-Room Music System to another channel to avoid conflicts, as conflicts may cause audio drop-outs.

1. From the **Sonos** menu, select **Preferences**.
2. Select the **Advanced** tab.
3. Select another wireless channel from the **Wireless Channel** list.

It may take several seconds for the switch to take effect. If you have music playing, a short music dropout will occur during the wireless channel change.

Line-In encoding

The audio from line-in sources can be encoded to produce *compressed* or *uncompressed* audio. We recommend the following usage guidelines:

- Use **Uncompressed** if:
  - You want optimal performance with home theaters.
  - You want to produce the highest quality sound for your multi-zone Sonos system (this selection requires more network bandwidth than compressed audio.)

- Use **Compressed** if:
  - You are connecting more than 4 zones wirelessly.

1. From the **Sonos** menu, select **Preferences**.
2. Select the **Advanced** tab.
3. Select **Compressed** or **Uncompressed** from the **Line-in Encoding** list.

When *Compressed* is selected, you will notice a delay before the music starts to play. When *Uncompressed* is selected, this delay is significantly reduced.

Uninstalling

If you wish to remove the Desktop Controller software from your Macintosh computer, choose **Uninstall Sonos** from the **Sonos** menu, and then drag the application to the trash. The Sonos Multi-Room Music System will no longer be able to access music from this computer.

Firewall Information

The Sonos Multi-Room Music System is designed to work with existing firewall software. If your software firewall is not listed, please see ***http://faq.sonos.com/firewall*** for the latest firewall information, or contact Sonos Technical Support at ***http://www.sonos.com/support***.

Mac OS X's built-in firewall for 10.4

The Sonos Multi-Room Music System is fully compatible with the Mac OS X firewall.

1. Open the **System Preferences** window.
2. Select the **Sharing** icon.
3. Select the **Firewall** tab.

If the message **Firewall Off** is displayed, your Sonos Multi-Room Music System will be recognized and you do not have to do anything further. Close the **System Preferences** window.

If the message **Firewall Off** does not display, please continue on to step 4 to add access to the ports your ZonePlayers will use.

4. Click the **New** button.

If the **New** button is disabled, click the lock at the bottom of the window and enter an administrator's password.

5. From the pull-down **Port Name** menu, select **Other**.
6. For TCP Port Number(s), type or paste 445,3400.
7. For UDP Port Number(s), type or paste 1900,1901,6969.
8. Type the **description as Sonos**.
9. Click **OK**.
10. Close the **System Preferences window.**

Mac OS X's built-in firewall for 10.5

1. Open the **System Preferences** window.
2. Select the **Security** icon.
3. Select the **Firewall** tab.

If the firewall is set to **Allow all incoming connections**, nothing needs to be changed and you can close the **System Preferences** window. If not, continue on to step 4 below.

4. Select **Set access for specific services and applications**, and click the "+" icon.
5. Select **Sonos Desktop Controller** from the list of Applications, and click **Add**.
6. Close the **System Preferences** window.

Norton Personal Firewall for Mac OS X

While you are setting up your Sonos system, you will be asked for network connectivity permission.

1. Select **Change**, and then **Allow** to allow connections on these ports.
2. Select **Done** to confirm.

You will also need to add ports to the service.

3. From the **Norton Antivirus Setup** window, select **New**.

4. Name the new entry **Sonos**, and the description **Sonos Controller**.
5. Select **New** and for TCP Port Number(s), type or paste **445**, **3400**. For UDP Port Number(s), type or paste **1900,1901,6969**.
6. Select **Save**.

Internet Security Barrier for Mac OS X

During Sonos system setup, a dialog will open when you attempt to set up your music library on your computer.

1. Select **Ignore**.
2. Open *Netbarrier X3* and select the **Anti-vandal** tab.
3. Select **Add**.
4. Browse to the Sonos Desktop Controller application, usually found in the **Applications** folder and click **Select**.
5. Select **Allow** as the default behavior.

Enabling Windows File Sharing

1. From the **System Preferences** window, select the **Sharing** icon.
2. Select the **Services** tab.
3. Check the **Windows Sharing** checkbox.

   If an **Accounts** button appears, you don't need to select it.
4. Close the **System Preferences** window.
5. Select **Continue**.

The Sonos® Controller 100

With a Sonos Controller in hand, you have instant access to your entire digital music collection, no matter where it's stored. The full-color LCD screen and intuitive scroll wheel make everything from browsing songs to choosing zones incredibly easy. It's like having a giant jukebox at your fingertips. Simply choose a zone to play music in, make your music selection(s), and press **Play**.

Features

- Wireless control over all your music and all your zones from anywhere
- Intuitive control over your music and zones with full-color LCD screen and scroll wheel that makes it simple to:
- Browse songs
- Queue up tracks and playlists
- Select Internet radio stations
- Choose zones

Control volume, playback and system settings

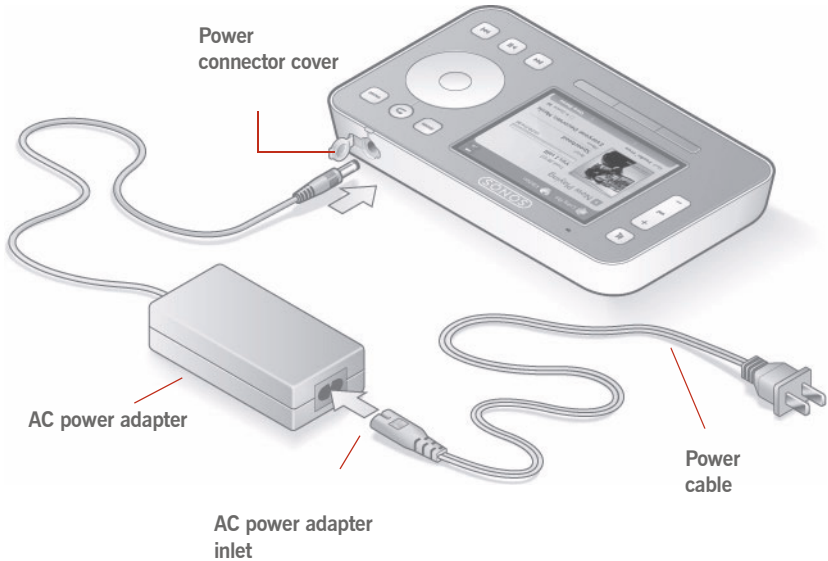
Connecting the Controller

- After at least one ZonePlayer has been set up, follow the instructions on the Controller screen to add this Controller to your Sonos Multi-Room Music System.
- You should charge your new Sonos Controller when you remove it from the packaging. The Controller battery will be fully charged in about two (2) hours.

Chapter 7

You can use your Controller while it is charging.

- The power connector cover is part of your Controller's splash-resistant design, so keep the cover down when the Controller is not charging.



Caution: Use only the supplied power adapter to charge the Controller's battery. Using another adapter will damage your Controller and void your product warranty.

Battery Charging

Your Controller can be recharged by plugging it into the AC adapter supplied with your Controller, or by placing it into the Sonos Charging Cradle.

Battery Charge Indicator

The Battery Charge Indicator on your Controller displays the current charge level. When the battery charge gets very low, the Battery Status Indicator will light red. To extend the battery life, it's best not to let the Lithium Ion battery discharge completely before recharging. Keep the Controller plugged into the charger or charging cradle when not in use, or charge it overnight, as this type of battery does not suffer from *memory effect* and can be charged anytime.

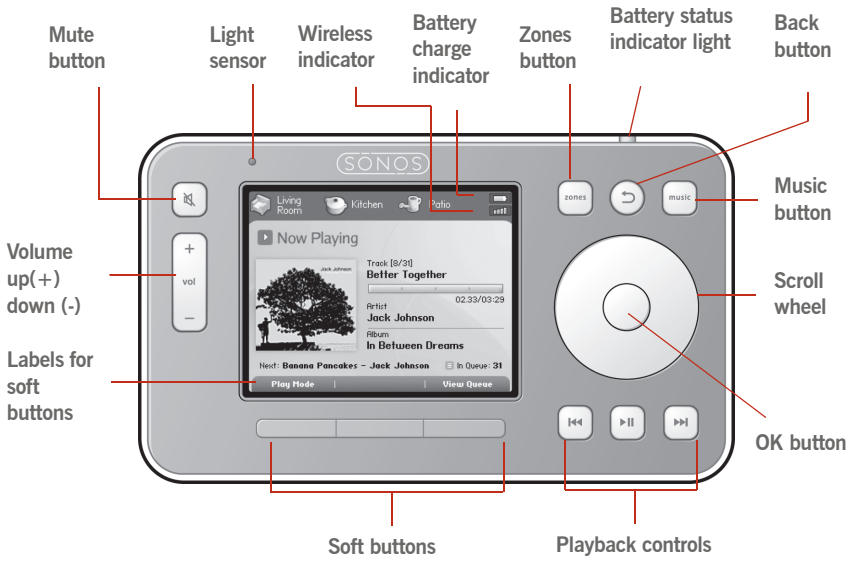
Caution: Use only the supplied power adapter to charge the Controller's battery. Using another adapter will damage your Controller and void your product warranty.

Battery Replacement

After several years (depending upon usage), the battery on your Controller may not hold a charge as long as it once did. Because of the Controller's splash-resistant design, the battery on the Controller must be factory-replaced. Return it to the Sonos Service Center where it will be promptly replaced and returned to you. Go to ***www.sonos.com/support*** for instructions and battery replacement cost.

Caution: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. Return to Sonos or an authorized Sonos service center for replacement.

Using the Controller



Navigation

Zones

Use the **Zones** button to select a zone to play music in, to view the music selections playing in each room, or to create or modify *zone groups* in order to share the same music across zones.

Music

Use the **Music** button to browse or select music, manage your music queues, access playlists, and change the default settings for a Sonos ZonePlayer or Controller.

Back

Use the **Back** button to return to the previous screen.

Scroll wheel

Use the scroll wheel to navigate through a displayed list. Use your thumb or finger to 'turn' the wheel clockwise to scroll down through the list, and counterclockwise to scroll up through the list.

OK

Press the ***OK*** button in the center of the scroll wheel to make selections.

Soft buttons

The soft button functions change to reflect the available actions for the Controller screen currently displayed. The action for each button appears above it (for example, **View Queue** or **Add to Queue**).

Playback

Play/Pause

Toggles between playing and pausing the current track. When browsing music sources, if you highlight a playable item (track, album, artist, playlist) and press **Play**, the highlighted music item is added to the end of the music queue, and begins to play immediately.

Next (short press)

Jumps to the start of the next track in the music queue.

Fast forward (long press)

Pressing and holding this button moves you forward through the current track. The music playback jumps to the new position when the button is released.

Previous (short press)

If you are more than 3 seconds into the track, this button jumps to the start of the *current* track; if you are less than 3 seconds into the track, this button jumps to the start of the *previous* track.

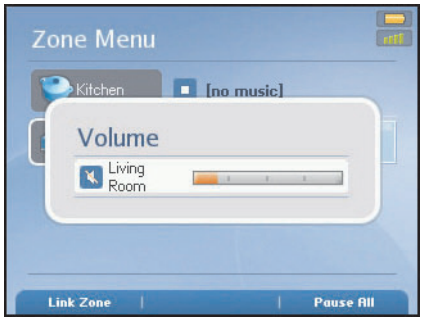
Rewind (long press)

Pressing and holding this button moves you backward through the current track. The music playback jumps to the new position when the button is released.

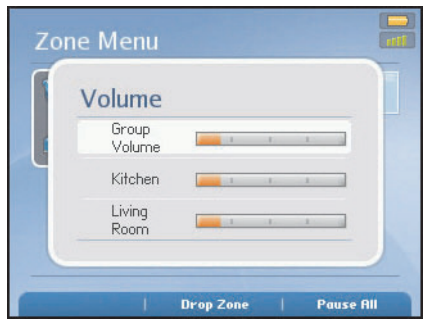
Volume control

Volume Control

Increases (+) or decreases (-) the volume in any zone, or across a zone group.



The volume panel appears over the current screen. Volume can be controlled for a zone group or for an individual zone. Use the Group Volume bar to control the volume for the whole group, adjusting each zone's volume proportionately.



Mute

Temporarily silences the music in a zone (within a zone group, the mute button automatically mutes the last room where volume controls were adjusted.) Press the **Mute** button again to unmute.

Mute All

To mute all zones in the house, press and hold the **Mute** button for 3 seconds. To unmute all zones, press and hold again for 3 seconds.

Sensors and indicators

Light sensor

Automatically turns on the button backlights based upon the lighting conditions of the environment. You can adjust the brightness of the buttons or the display by selecting **System Settings**>**Controller Settings** from the **Music** menu.

Wireless signal strength indicator

Indicates the current strength of the Controller's wireless signal.

Battery charge indicator

Indicates the Controller's remaining battery charge.

Battery status indicator light

Alerts you to the status of the battery charge:

- Lights *red* when the battery gets low, indicating that the Controller needs to be charged
- Lights *amber* while the Controller is charging
- Lights *green* when the Controller finishes charging
- Unlit when your Controller is in use and the battery is charged

Sleep modes

Light Sleep

Your Controller will go into *light sleep* to preserve the battery life when it is unused for a specified period of time. The screen will turn off until motion is detected or a button is pressed. Use the **Sleep Timer Docked** (Controller is connected to power supply) and **Undocked** (Controller is not connected to power supply) settings to select the amount of time after which your Controller will enter light sleep.

Deep Sleep

Your Controller will go into *deep sleep* to preserve the battery life when it is unused for a specified period of time. When your Controller wakes from deep sleep - either from the motion sensor or from a button press - it will go through a restart cycle that takes several seconds. Use the **Deep Sleep Timer** setting to select the amount of time after which your Controller will enter deep sleep.

Motion Sensor

The Controller has a motion sensor to automatically *wake* your Controller when motion is detected. If you shake the Controller, you may hear the motion sensor make a slight rattling sound. This is normal. If you wish to disable the motion sensor, select **System Settings**>**Controller Settings**>**Advanced Settings**>**Motion Sensor**. You can choose to disable it all the time (Off), or just when the Controller is seated in the cradle (Off While Charging).

Turn off Controller

Use this setting to put your Controller into *deep sleep* anytime it will not be in use for an extended period of time, or when you are transporting your Controller to another destination. This setting puts the Controller into deep sleep mode immediately, bypassing the deep sleep timer setting. The Controller cannot be turned off while it is connected to the AC adapter or charging cradle. From the **Music** menu, select **System Settings**>**Controller Settings**>**Advanced Settings**>**Turn off Controller**.

Clock and Alarms

This section discusses how to use the clock and alarms features on your handheld Controller. For help using the Desktop Controller, go to Clock and Alarms .

Setting date and time

1. From the **Music** menu, select **Clocks and Alarms**.
2. Select **Date and Time Settings**.
3. Choose one of the following options:
   - Select **Time Zone.** Use the scroll wheel to select your time zone from the list, and then press **OK.** Next, select **Date** and use the scroll wheel to set today's date, pressing **OK** after each entry. If desired, you can change the date and time display formats by selecting the corresponding options from the **Date and Time Settings** menu.
   - Or, select **Select Date and Time from the Internet,** and then press **OK**. Select **On** or **Off**. When this is *on*, your Sonos system will periodically update the date and time from the Internet. If desired, you can change the date and time display formats by selecting the corresponding options from the **Date and Time Settings** menu.
   - Or, you can set the date and time manually. Select **Date** and press **OK**. Use the scroll wheel to select today's date, pressing **OK** after each entry. Follow the same process to set the time by selecting **Time** from the **Date and Time Settings** menu. If desired, you can change the date and time display formats by selecting the corresponding menu options.

Adding an alarm

1. From the **Music** menu, select **Clock and Alarms>Alarms.**
2. Press **New Alarm**.
3. Use the scroll wheel to select the desired settings for this alarm, including the alarm time, the zone you would like the alarm to play in, the music source you'd

like to play from, the frequency of the alarm, and the volume setting. Press **OK** after each entry.

Note: If the music you've selected is not available (such as an Internet radio station that has dropped off), your alarm will play the Sonos chime instead.

4. Select **Advanced** to choose additional alarm preferences:
   - Alarm duration — select the length of time you want the alarm music to play
   - Include linked zones — if you select **Yes**, the alarm will play in the zones that are linked together when the alarm goes off (not in the zones that were linked together at the time the alarm was set.)
   - Show clock on this Controller— if you select **Yes**, the clock will display on this Controller when the alarm goes off.

Note: When an alarm sounds, the clock will display on the Controller that was used to set the alarm. If you want the clock to display on another handheld Controller, be sure to edit the alarm using the desired Controller. From the **Music** menu, select **Clocks and Alarms**>**Alarms**, and then select **Advanced**>**Show Clock on this Controller.**

   - Shuffle music —select **Yes** if you want the play mode for the selected alarm music set to shuffle.
5. Press **Save Alarm** when you finish choosing the alarm settings.

Deleting an alarm

1. From the **Music** menu, select **Clock and Alarms>Alarms.**
2. Use the scroll wheel to highlight the alarm you wish to delete, and press **Delete Alarm**.

Setting a sleep timer

1. From the **Music** menu, select **Clock and Alarms>Sleep Timer.**
2. Use the scroll wheel to select a sleep timer duration, and press **OK**.

Viewing the clock

To view the clock on a handheld Controller:

- Select **View Clock** from the **Music** menu, or
- Select **Clocks and Alarms>View Clock** from the **Music** menu.

When an alarm goes off

When the alarm goes off, your Sonos Controller will display the clock face. You can:

- Press **Snooze** to begin a 9-minute snooze interval. The bell icon will be animated when snooze mode is active.
- Press **Stop Alarm** or **Pause** to turn the alarm off.
- Press **Display Off** to put the Controller into light sleep mode (helps to preserve the battery charge.) The motion sensor will automatically wake your Controller when you pick it up.

Online Updates

Sonos periodically provides you with software updates to improve performance or to add new features. Your music system must be registered in order to receive updates. If you have not yet registered, see System Registration .

Checking for updates

1. From the **Music** menu, select **System Settings>Online Updates** and press **OK**.

2. If there is an update available, select **Yes** to begin the update process.
   - Your **ZonePlayers and Controllers** will all be updated, as your Sonos components must carry the same software version number. This process may take several minutes per device, depending upon your network connection.
   - If you have the **Desktop Controller** software installed, you will be prompted to update it the next time you start the application.

Caution: Do not disconnect power from your ZonePlayer(s), or in any way disable your Sonos Multi-Room Music System while this process is running. Contact Sonos Customer Support if an error occurs.

Auto check for software updates

Sonos can automatically check your system for available software updates. Your music system must be registered in order to receive updates. Change your preference by following the steps below.

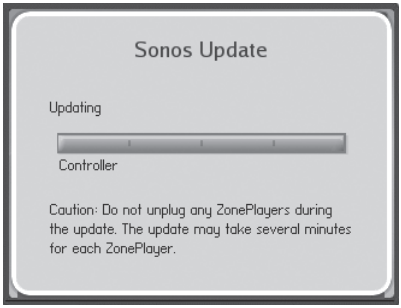
1. From the **Music** menu, select **System Settings**.
2. Select **Advanced Settings**>**Auto Check for Software Updates**.

Select **On** to turn auto checking on, or **Off** to turn auto checking off, and then click **OK** (On is the default setting.)

Controller software updates

In the event that your Controller's software version gets out of sync from the rest of your Sonos Multi-Room Music System components, you will see a message displayed on your Controller screen the next time you use it.

Sonos Update
This controller has older software than the rest of your Sonos Digital Music System.
You need to update the software on this Controller.
Press the OK button to start the update.


Sonos Update
Updating
Controller
Caution: Do not unplug any ZonePlayers during the update. The update may take several minutes for each ZonePlayer.

This Controller will be unavailable for use until you perform a software update to bring the Controller up to date. This situation will occur if you perform a software update from another Controller, or from the Desktop Controller software.

ZonePlayer software updates

If a ZonePlayer's software version gets out of sync from the rest of your Sonos Multi-Room Music System components, you will see a message displayed on your **Zones** menu.

One or more ZonePlayers may need to be updated if you purchase a new ZonePlayer with a later software version, or if you plug in a ZonePlayer that was not in use when you performed your last software update.

You will also see this message if you have already updated your music system using the Controller. This message will indicate that the Desktop Controller software needs to be updated.

One or more ZonePlayers may need to be updated if you purchase a new ZonePlayer with a later software version, or if you plug in a ZonePlayer that was not in use when you performed your last software update.

You will also see this out-of-date message if you have already updated your music system using the Controller. This message will indicate that the Desktop Controller software needs to be updated.

Press **OK** to begin the software update process.

Adjusting Controller Settings

From the **Music** menu, select **System Settings**>**Controller Settings** and then use the scroll wheel to highlight the preference setting you wish to change.

OK Button

- Use this preference setting to choose the action that will occur when you select a track, and press the **OK** button. The track can begin to play immediately (**Play Now**), it can be added to the end of your music queue (**Add to End of Queue**), or you can view an options menu (**Show Menu**) to select one of the following actions each time:
  - Play Now

- Add to End of Queue
- Play Now and Replace Queue

Click Sound

Adjust this setting to turn the Controller's scroll wheel "clicking" sound on or off.

Sleep Timer Undocked

Use this setting to select the amount of time after which your Controller enters *light sleep* mode when not connected to a power supply. The screen will turn off until motion is detected or a button is pressed.

Sleep Timer Docked

Use this setting to select the amount of time after which your Controller enters *light sleep* mode when plugged into the adapter or sitting in the cradle. Because the Controller is connected to a power supply during this time, you can set this sleep timer significantly higher than the undocked sleep timer setting.

Screen Brightness

Use this setting to adjust the brightness of the screen display.

Button Brightness

Use this setting to adjust the backlighting of the buttons that occurs when the light sensor automatically lights the buttons based upon the lighting conditions of the environment.

Advanced Settings

The Advanced Settings menu provides you with some additional menu choices:

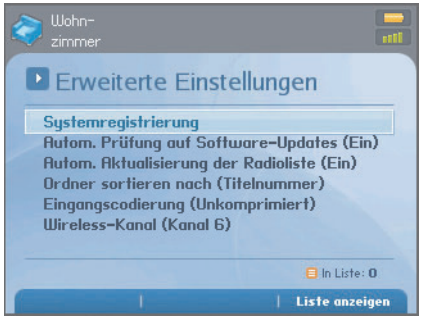
- **Deep Sleep Timer**. Use this setting to set the deep sleep timer for your Controller. Your Controller will go into *deep sleep* to preserve the battery life when it is unused for this specified period of time. When your Controller wakes

from deep sleep - either from the movement sensor or from a button touch - it will go through a restart cycle which takes several seconds.

- **Motion Sensor**. The motion sensor automatically *wakes* your Controller when motion is detected**.** Use this setting to turn the motion sensor 'on', 'off', or 'off while charging', which will disable the motion sensor only when your Controller is seated in the cradle or connected to the power adapter.
- **Language**. Use this setting to select your language preference. When you change your language preference, the Controller restarts.
- **Turn Off Controller**. Use this setting to put your Controller into *deep sleep* anytime it will not be in use for an extended period of time, or when you are transporting your Controller to another destination. This setting puts the Controller into deep sleep mode immediately rather than waiting for the deep sleep timer setting to be reached. **The Controller cannot be turned off while it is connected to the AC adapter or charging cradle**.
- **Factory Reset**. Use this setting to return the Controller to its original factory settings. This will disconnect the Controller from your Sonos Multi-Room Music System entirely (you can add it again at any time.) This may be necessary if the Controller gets associated to the wrong music system during setup, or if you wish to join your Controller to another Sonos Multi-Room Music System (for
example, if you are setting up a previously used Sonos system.)

Additional Settings

Upon occasion, it may become necessary to adjust some of the default settings for your Sonos Multi-Room Music System.



Sort folders by

You can set the sorting preference for music folders that are accessible from your music library. You can choose to sort by:

- Track name
- Track number
- Filename

See "Sort folders by preference" on page 4-14 for more information.

Line-In encoding

When you have line-in music sources attached to a ZonePlayer, line-in encoding determines how the Sonos Multi-Room Music System will encode the data coming in from these sources. For multi-room audio, we recommend the **Compressed** setting. For the highest quality sound, you can select **Uncompressed** encoding instead (note that this selection requires more network bandwidth than compressed audio.) For TV or DVD audio, we recommend the **Uncompressed** setting.

1. From the **Music** menu, select **System Settings**.
2. Select **Advanced Settings**>**Line-In Encoding**.
3. Use the scroll wheel to select **Uncompressed** or **Compressed** encoding, and press **OK**. When *Compressed* is selected, you will notice a slight delay before

the music starts to play. When *Uncompressed* is selected, this delay is significantly reduced.

Selecting a different wireless channel

The Sonos Multi-Room Music System selects the optimal radio frequency channel during setup. However, if you have other wireless devices using this channel, you may want to switch the Sonos Multi-Room Music System to another channel to avoid conflicts, as conflicts may cause audio drop-outs.

1. From the **Music** menu, select **System Settings**.
2. Select **Advanced Settings**>**Wireless Channel**.
3. Use the scroll wheel to select a different wireless channel, and press **OK**.

It may take several seconds for the switch to take effect. If you have music playing, a short music dropout will occur during the wireless channel change.

Sonos® Controller for iPhone™

Now you can use your iPhone or iPod touch with Sonos to enjoy the music you love all around your home. The Sonos Controller for iPhone is a free application that turns your iPhone (or iPod touch) into a full-fledged Sonos Controller—simply pick a room, pick a song, and touch **Play Now.**

Chapter 8

Navigation

Zones

Tap the **Zones** button to select a zone to play music in, to view the music selections playing in each room, or to create or modify *zone groups* in order to share the same music across zones.

Music

Tap the **Music** button to browse or select music, access playlists, and change the default settings for a Sonos ZonePlayer or Controller.

Back

Tap the **Back** button to return to the previous screen.

Scrolling

Drag your finger up or down to scroll through a displayed list. *Flick* to scroll quickly. You can tap or touch anywhere on the screen to stop scrolling immediately. Tapping or touching to stop scrolling won't activate anything on the screen.

Tap an item in a list to make a selection.

Queue

Tap the **Queue** button to view the tracks in the current queue.

Home

Tap the **Home** button to close the Sonos Controller application.

Information

Tap the **Information** button to view additional choices or view more information for a music selection.

Playback Controls

Use the playback controls to control basic playback tasks such as playing, pausing, rewinding, and fast forwarding.

Play/Pause

Toggles between playing and pausing the current track.

Next / Fast Forward

Jumps to the start of the next track in the music queue.

Touching and holding this button displays the track position slider while you move forward through the current track.

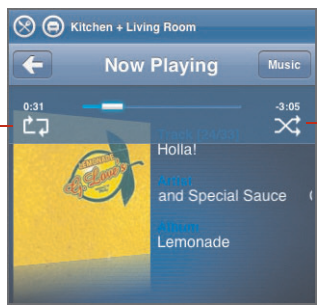
Previous / Rewind

If you are more than 3 seconds into the track, this button jumps to the start of the *current* track; if you are less than 3 seconds into the track, this button jumps to the start of the *previous* track.

Touching and holding this button displays the track position slider while you skip backward through the current track.

Track position slider. Tapping and holding the position slider quickly moves backward or forward through the current track.

Repeat. Repeats the music queue after the last track has finished



Shuffle. Plays the tracks in the music queue in a random order

From the **Now Playing** screen, tapping anywhere on the album cover displays the shuffle and repeat controls, as well as the track position slider.

Volume Control

Volume Control Slide

Increases (+) or decreases (-) the volume in any zone, or across a zone group.

Slide the volume control right to increase volume, left to decrease volume.

Volume can be controlled for an individual zone or for a zone group.

If zones are grouped, you can adjust the volume across the group using the *group volume* slide, or adjust an individual zone using the slide that appears beside the zone.

Mute

Temporarily silences the music in a zone (within a zone group, the mute button automatically mutes the last room where volume controls were adjusted.) Tap the **Mute** button to mute, tap again to unmute.

Sleep/Wake

You can tap the **Sleep** button on top of your iPhone to put it into *light sleep*.

To *awaken* your iPhone, tap the **Sleep** button or the **Home** button and then slide your finger to unlock it. If your iPhone goes to sleep with the Sonos Controller open, it will redisplay the same screen it was on when it went to sleep.

Clock and Alarms

Setting date and time

1. From the **Music Menu**, tap **Alarms**.
2. Tap **Date and Time Settings**.
3. Choose one of the following options:
   - Tap **Time Zone**, and then select your time zone from the list**.**
   - Tap **Set Time from Internet**, and then select **On** or **Off**. When this is *on*, your Sonos system will periodically update the date and time from the Internet.
   - Or, you can set the date and time manually. Tap **Date**, enter the date, and then tap **Done**. Follow the same process to set the time by selecting **Time** from the **Date and Time Settings** menu.

You can change the date display format by selecting **Date Format**.

You can change the time display format by selecting **Time Format**.

Adding an alarm

1. From the **Music Menu**, tap **Alarms>Alarms.**
2. Tap **New Alarm**.
3. Select the desired settings for this alarm, including the alarm time, the zone you would like the alarm to play in, the music source you'd like to play from, the frequency of the alarm, and the volume setting.

Note: If the music you've selected is not available when the alarm goes off (such as an Internet radio station that has dropped off), your alarm will play the Sonos chime instead.

4. Tap **Advanced** to select additional alarm preferences:
   - **Duration**— select the length of time you want the alarm music to play
   - **Include Grouped Zones**— if you tap **Yes**, the alarm will play in the zones that are linked together when the alarm goes off (not in the zones that were linked together at the time the alarm was set.)
   - **Shuffle Music**— select **Yes** if you want the play mode for the selected alarm music set to shuffle.
5. Tap **Save** when you finish choosing the alarm settings.

Deleting an alarm

1. From the **Music Menu**, tap **Alarms>Alarms.**
2. Select the alarm you wish to delete, and tap **Delete**.

Setting a sleep timer

1. From the **Music Menu**, tap **Alarms>Sleep Timer.**
2. Select a sleep timer duration.

Turning off the alarm

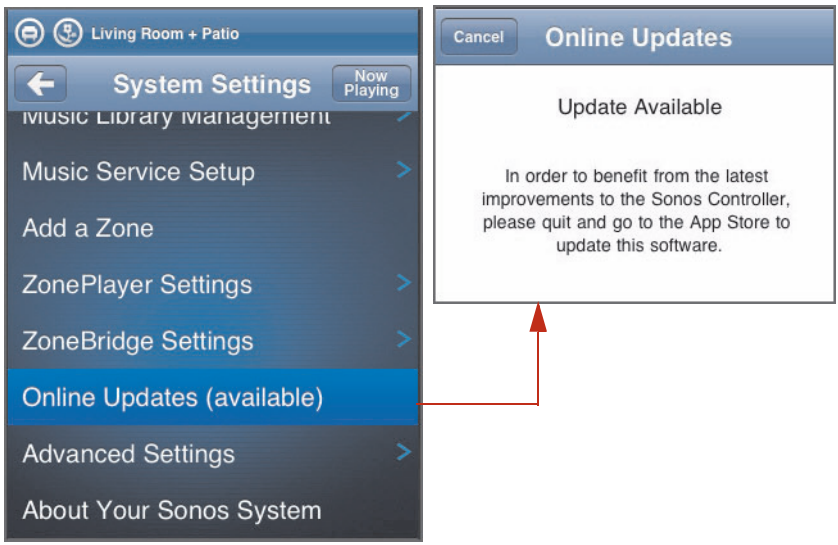
When the alarm goes off, you can tap **Pause** from the **Now Playing** screen to turn off the alarm.

Online Updates

Sonos periodically provides you with software updates to improve performance or to add new features. Your music system must be registered in order to receive updates. If you have not yet registered, see "System Registration" on page 1-5.

Checking for updates

- If there is an update available, you'll see the message (**available**) displayed when you select **System Settings**>**Online Updates** from the **Music** menu. You can go to the App Store to download the new software update.


Living Room + Patio
System Settings
Now Playing
Music Service Setup
Add a Zone
ZonePlayer Settings
ZoneBridge Settings
Online Updates (available)
Advanced Settings
About Your Sonos System
Cancel
Online Updates
Update Available
In order to benefit from the latest improvements to the Sonos Controller, please quit and go to the App Store to update this software.

- If you have already updated your Sonos system using another Controller, you will see an update icon displayed beside the ZonePlayer(s) on the **Zone Menu**, along with the message, "**Press to update**." Tap a zone to begin the update.

Your **ZonePlayers and Controllers** will all be updated, as your Sonos components must carry the same software version number. This process may take several minutes per device, depending upon your network connection.

Caution: Do not disconnect power from your ZonePlayer(s), or in any way disable your Sonos Multi-Room Music System while this process is running. Contact Sonos Customer Support if an error occurs.

Tips and Troubleshooting

Basic Troubleshooting

Warning: *Under no circumstances should the product be repaired by anyone other than an authorized Sonos repair center, as this will invalidate the warranty. Please contact the Sonos Customer Service Center for an authorized repair center in your area. Do not open the system as there is a risk of electric shock.*

If a problem occurs, you can try the solutions listed in the troubleshooting section. If you are unable to remedy the problem:

- Visit the Sonos Customer Service Web site at ***www.sonos.com/support.***
- Give us a call. Go to ***www.sonos.com/support/phone_support*** to find the correct telephone number for your country.
- Ask us a question at ***http://faq.sonos.com/ask.***

After upgrading to Windows Vista, music doesn't play

After you upgrade from Windows XP to Windows Vista, you may experience problems playing the music stored on the recently updated computer. To ensure uninterrupted play, you'll need to re-add the music folders stored on *that* computer to your Sonos system.

Using your Desktop Controller:

1. From the **Music** menu, select **Set Up Music Library**.
2. Select the music folder(s) stored on this computer, and click **Remove**.
3. Next, re-add the share by selecting **Add a Share.**
4. Select **Add music stored on this computer** and click **Next**.
5. Select the music folder you just removed, and click **Next**.
6. Click **Finish**.

Wired Sonos component not detected during setup

A network or firewall issue may be preventing the Sonos component that is connected to your router from joining your Sonos system. You can try the steps below to resolve this issue.

(If this is a wireless ZonePlayer, you can try moving the ZonePlayers closer together, or wire the ZonePlayer temporarily to see if the problem is related to wireless interference.)

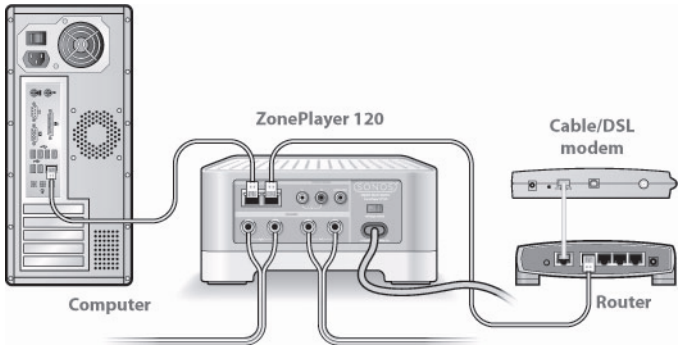
If you are still experiencing problems, please contact the Sonos Customer Service Center.

1. Check the firewall

Firewall software installed on the computer may be blocking the ports that Sonos uses to operate. First disable all your firewalls and try to connect again. If this resolves the problem, you should configure your firewall to work with the Sonos Desktop Controller software. Click "Firewall Information" on page 6-9(Macintosh) or "Firewall Information" on page 5-10 (PC) for help with this step. If this does not resolve the problem, try step 2 below.

2. Check the router

You can bypass your router's switch to determine whether there are any router configuration issues by connecting Sonos as shown below (note that the ZonePlayer and the computer still have Internet access in this configuration):



- Be sure that your cable/DSL modem is connected to the router's WAN (Internet) port.
- Temporarily remove any other components that are wired to your network.
- Connect an Ethernet cable from the computer directly to the back of the ZonePlayer (or ZoneBridge), and then connect another Ethernet cable from the ZonePlayer directly to one of the LAN ports on your router.
- When you make a change to your network configuration, you may need to power cycle the ZonePlayer by unplugging the power cord, and then plugging it back in.
- If you are not using a router, see ***http://faq.sonos.com/norouter***.

3. Check the wiring

Check the link/activity lights on both the router and the Sonos component. The link lights should be lit solid, and the activity lights should be blinking.

- If the link lights are not lit, try connecting to a different port.
- If the link lights still do not light, try connecting a different Ethernet cable.

When adding Controller, it doesn't detect ZonePlayer(s)

1. Verify that this is not a DHCP or network problem

- Disconnect the Ethernet cable from the back of the Sonos component that is wired to your router.
- Unplug the ZonePlayer's power cord and then plug it back in.
- When the status indicator light on the front of the ZonePlayer stops blinking white, try adding your Controller again.

If this works, your router's DHCP server may have run out of available IP addresses to assign to the Controller. In most cases you can log into your router by typing http://192.168.1.1 into your browser's address line (the IP address of your router may be different). Check the DHCP settings and increase the number of IP addresses available in the DHCP scope.

If your Controller still doesn't recognize the ZonePlayer after completing this step, you can try step 2 below.

2. Turn off any 2.4GHz cordless phones

Some 2.4GHz cordless telephones can cause wireless interference. If turning off your 2.4GHz cordless phone resolves the problem, you should consider switching to a 5.8Ghz or 900Mhz phone (or change the wireless channel your Sonos system is operating on - see "Selecting a different wireless channel" on page 5-9).

3. Put 108 Mbps wireless routers into 54 Mbps mode

Sonos cannot function properly when a router is operating in turbo mode. In order to double the speed from 54 Mbps to 108 Mbps, the router goes into a wide bandwidth mode which utilizes most of the 2.4 GHz spectrum that the FCC has set aside for 802.11b/g devices. This means that interference (RF noise) will occur with any other 2.4 GHz device that is not operating on the same channel as the 108 Mbps device (usually channel 6). While it is possible to put all of your wireless devices on channel 6, it is unwise. The devices will have to compete for available bandwidth, and your entire wireless network will become sluggish.

4. Change the wireless channel your Sonos system is operating on

- Using the Desktop Controller software for Windows, select **Preferences** from the **File** menu. Click the **Advanced** tab, and then select another wireless channel from the **Wireless Channel** list.

- Using the Desktop Controller software for Macintosh, select **Preferences** from the **Sonos** menu. Click the **Advanced** tab, and then select another wireless channel from the **Wireless Channel** list.
- Using a Sonos Controller 100, select **System Settings**>**Advanced Settings**>**Wireless Channel**.

It may take several seconds for the switch to take effect. If you have music playing, a short music dropout will occur during the wireless channel change.

ZonePlayer isn't operating properly

- If the ZonePlayer status indicator is not lit and no sound is produced when the unit is plugged in, check the insertion of the power cord.
- Check to ensure that the ZonePlayer Status indicator on the front of the ZonePlayer is illuminated and solid white. If it is flashing or solid amber, see "ZonePlayer has stopped playing music" on page A-6.
- Check to ensure that the green link light is lit on the Ethernet switch on the rear panel of the ZonePlayer wired to your network.
- Move the Controller closer to the unit.
- Check to ensure there are no obstacles to impede wireless operation.
- Check your network connections.
- The ZonePlayer may need to be **reset**. Disconnect the power cord for 5 seconds, and then reconnect. Wait for the ZonePlayer to restart.
- If none of these work, the **ZonePlayer may need to be factory reset**. Disconnect power, and then reconnect the power plug while pressing and holding the **Mute** button until the *Mute indicator* light begins to flash amber. Use the Controller or the Desktop Controller software to add it to your Sonos system again. (This might be necessary if, for example, you've purchased a previously used ZonePlayer from a friend.)

Important Note: You should not factory reset all of your ZonePlayers at once or your established preferences and Sonos playlists will be lost.

ZonePlayer status indicator lit, but no sound

- Make sure speakers are connected securely.

- Make sure volume is set to a suitable level.
- Make sure MUTE is not on.

ZonePlayer volume level reduces

If the ZonePlayer status indicator changes to solid amber, and the volume reduces to 75%, this indicates that the ZonePlayer is experiencing a fault condition.

- Check the ZonePlayer vents to ensure they are not blocked.
- Check for speaker short circuit.
- Mute ZonePlayer or unplug it for several minutes to allow it to cool.

ZonePlayer has stopped playing music

If a ZonePlayer stops playing music, and the ZonePlayer status indicator lights are flashing (long amber, short white, repeat) this indicates that the ZonePlayer has experienced a fault condition and has automatically muted itself to prevent damage to the ZonePlayer.

- Check the ZonePlayer vents to ensure they are not blocked.
- Check for speaker short circuit.
- Unplug the ZonePlayer for several minutes to allow it to cool.
- Mute and unmute the ZonePlayer.

See "ZonePlayer Status Indicator Explanations" on page A-11 for more information on LED lights.

Sound produced from only one speaker

- Make sure speaker is connected securely.
- Make sure balance control is set correctly.

Cannot access radio, online updates, or registration

- Your firewall may be blocking outgoing connections to the Internet. Ensure the firewall allows access to the Internet for the Ethernet addresses of your Sonos components.
- Your firewall may be configured so that Sonos components cannot obtain an IP address. If so, your ZonePlayers and Controllers will display an IP address in the 169.254.xxx.yyy range, even though there is a router/DHCP server on

the network. (You can check the IP addresses assigned to your ZonePlayers by selecting **Music**>**System Settings**>**About Your Multi-Room Music System**.) The DHCP server built in to some routers may be configured to supply IP addresses only to devices with specific permitted Ethernet MAC addresses. If you have configured your router in this way, you will need to grant permission to the Ethernet MAC address of each Sonos component (including the Controller) before setting up your system. Go to ***http://faq.sonos.com/dhcp*** for more information.

There's a delay when I play music from an external music source

If **Compressed** is selected as the encoding method for your line-in music source, you will notice a delay before the music starts to play. When **Uncompressed** is selected, this delay is significantly reduced.

Controller screen is frozen

If your Controller's screen should freeze, press and hold the **Mute** and **Music** buttons simultaneously on the Controller for approximately 3 seconds. The Controller will reset itself momentarily.

Zones do not display properly

If the Controller does not display your zones properly, or displays the message, "Searching for ZonePlayers..."

- Make sure at least one ZonePlayer is plugged in and its status indicator is illuminated solid white.
- The ZonePlayer(s) may be going through an upgrade/restart, and zones will reappear after the restart.
- Move the Controller closer to the ZonePlayer.
- Your Controller may be configured to work with a different Sonos Multi-Room Music System. **Disconnect the Controller** (see below) from the Sonos Multi-Room Music System, and then re-add it. (This may be necessary if you purchased a previously used Sonos system, or you inadvertently set up two different mesh networks during the setup process.)

To disconnect the Controller:

- Select **System Settings**>**Controller Settings**>**Advanced Settings**>**Factory**

Reset from the **Music** menu.

Or,

- If the message "Searching for ZonePlayers" is displayed, select **Settings**>**Factory Reset**.

Controller acting sluggish

If the Controller is acting sluggish or all of your zones are not visible, you are probably experiencing wireless interference.

- Change the wireless channel your Sonos Multi-Room Music System is operating on by selecting **System Settings**>**Advanced Settings**>**Wireless Channel**.

Controller doesn't work in some parts of my home

- Move the Controller closer to a ZonePlayer.
- Change the wireless channel your Sonos system is operating on by selecting **System Settings**>**Advanced Settings**>**Wireless Channel**.
- If these don't solve the problem, you can extend the wireless range of your music system by purchasing and installing a Sonos ZoneBridge.

Music stops when I use my 2.4 GHz cordless phone

Change the wireless channel your Sonos Multi-Room Music System is operating on by selecting **System Settings**>**Advanced Settings**>**Wireless Channel**.

Wrong album art displayed

If the incorrect album art, or no album art appears, please visit our Web site at ***http://faq.sonos.com/art*** for details on how album art is located and displayed.

Some radio stations are missing

The Sonos Radio guide is powered by RadioTime. If you don't find your favorite radio station or show, you can go to RadioTime's Website at *http://radiotime.com/index.aspx* and search for the missing station or show.

- If the station or show does not appear, you can click the orange **Tell us to Fix-It** button and enter the station information to request that RadioTime add it. Leave your email address if you would like a reply.
- If the station or show is listed, it may not have a current stream, or the stream

may not be compatible with Sonos. Click the item name to view station details, and then click the orange **Tell us to Fix-It** button to request that a compatible stream be added. Leave your email address if you would like a reply.

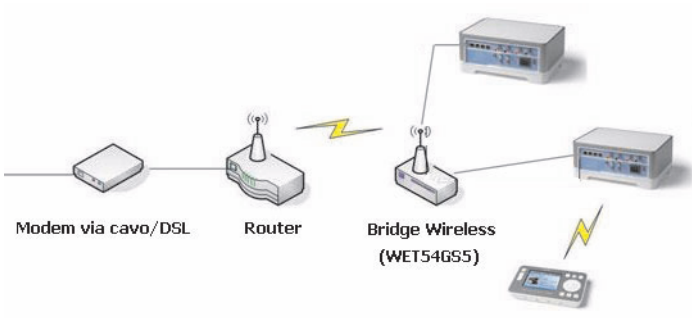
- If you'd like to see a show schedule or podcast added, send an e-mail to RadioTime via their contact form. Be sure to include as much information as possible, including a URL to the show's schedule or the podcast URL.
- Alternatively, you can send an email to support@radiotime.com.

Can I Eliminate The First Wire?

If you do not wish to play music where your router is located, an easy and inexpensive solution is to purchase and install a Sonos ZoneBridge. (If you are replacing a ZonePlayer that is already connected to your router, be sure to apply power and add the ZoneBridge to your music system first before disconnecting the ZonePlayer from your router. You can then disconnect the ZonePlayer from the router, connect the ZoneBridge, and move the ZonePlayer to another location.)

It is possible to use another wireless bridge to eliminate the first wire in your Sonos Multi-Room Music System, but this is an **unsupported configuration**, and as such, technical questions should be directed to the Sonos forums, (*http://forums.sonos.com/*) and not to Sonos Technical Support.

Wireless bridge setup example



Tested, compatible hardware

- Linksys WET54GS5

Tested, not compatible hardware

- D-Link DWL-G810

Resetting the Desktop Controller

If you want to join your computer to a different Sonos Multi-Room Music System, you must first *factory reset* your Desktop Controller. (This may be necessary if you inadvertently set up two different mesh networks during the setup process, or perhaps you are setting up a previously used Sonos system.)

Using the Desktop Controller for Windows

1. Select **Reset Desktop Controller** from the **Help** menu.
2. Click **Yes**.

Using the Desktop Controller for Macintosh

1. Select **Reset Desktop Controller** from the **Sonos** menu.
2. Click **Reset**.
3. Select **Quit**.

Your Desktop Controller window will automatically close. The next time you start the Desktop Controller software, the Setup Wizard will appear to prompt you through the setup process. If you are joining your computer to a Sonos Multi-Room Music System that is already set up, you do not have to press the **Mute** and **Volume Up** buttons on every ZonePlayer again - just one that is connected to your Sonos system.

ZonePlayer Status Indicator Explanations

ZonePlayer Status Indicator	Mute Button Indicator	State	Additional Information
Solid white	Off	Powered up, connected to the network	You can turn the white light off so it does not display when your ZonePlayer is in normal operation.
Solid white	Solid green	Muted room	
Solid white	Flashing green to solid green	Muted whole house	
Flashing white	Off	Powering up (booting)	
Flashing white	Flashing green	Powered up, not connected to a Sonos system	Flashing in unison
Flashing white	Flashing green	Looking for a Sonos Multi-Room Music System	Flashing alternately
Flashing amber	Off	Powering up in reset mode	

Solid amber	ZonePlayer fault warning	The ZonePlayer is beginning to experience a fault condition and will reduce to 75% volume. • Check the ZonePlayer vents for adequate cooling • Check for speaker short circuit • Mute and then unmute the ZonePlayer • Unplug the ZonePlayer for several minutes to allow it to cool
Long amber, short white, repeat	ZonePlayer fault shutdown (mute)	If the fault condition (above) is not remedied, the ZonePlayer will automatically mute itself to prevent damage to the ZonePlayer.
Solid or flashing red	Diagnostics mode	You may be instructed to enter Diagnostics mode by a technician when you call Customer Support to report a problem. If you accidentally enter diagnostics mode, press the **Mute** button to exit.

About Your Music System

If you make a call to Sonos Customer Support, you may be asked for specific details regarding your Sonos Multi-Room Music System. You can find this information by choosing one of the following options:

- From the **Music** menu on your Sonos Controller, select **System Settings**>**About Your Multi-Room Music System**.

Or,

- From the Sonos Desktop Controller for Windows menu bar, select **Help**>**About Sonos Desktop Controller**.

Or,

- From the Sonos Desktop Controller for Macintosh menu bar, click **Sonos**>**About Sonos**.

Support Diagnostics

Support Diagnostics should only be accessed when you are talking with a Sonos Support representative. (Go to ***www.sonos.com/support/phone_support*** to find the correct telephone number for your country.) For general Sonos support information, go to ***www.sonos.com/support***.

Using the Desktop Controller

1. From the **File (or Sonos)** menu, click **Preferences**.
2. Click the **Diagnostics** tab.
3. Click **Submit Diagnostics** if you are instructed to by your Sonos Support representative.

Can't Find What You're Looking For?

If you can't find the answer to your question in our documentation, please visit our Frequently Asked Questions (FAQ) pages at ***www.sonos.com/support*** or ask us a question at ***http://faq.sonos.com/ask***.

Sonos Device Specifications

Sonos ZonePlayer 120/100

Feature	Description
Audio	
Rated Output	55W (ZP120) / 50W (ZP100) minimum RMS per channel (8 Ohms, 20-20kHz, THD+N<0.02%)
Speaker Connections	Spring binding posts (in North America, the ZP120 has combined spring binding post/banana jack connectors)
Line In	Auto-detecting RCA type
Subwoofer Output	Auto-detecting RCA type, 80 Hz crossover
Music Access	
Audio Formats Supported	Compressed MP3, WMA (including Windows Media purchased songs), AAC (MPEG4), Ogg Vorbis, Audible .AA files (format 4), Apple Lossless, Flac (lossless) music files, as well as uncompressed WAV and AIFF files. Native support for 44.1kHz sample rates. Additional support for 48kHz, 32kHz, 24kHz, 22kHz, 16kHz, 11kHz, and 8kHz sample rates. *Apple "FairPlay" and WMA Lossless formats not currently supported. Firmware upgradeable to support future audio formats.*

Audio Services Supported	Napster®, Rhapsody ®, SIRIUS®, Pandora®, Last.fm™, and downloads from: AOL® Music Now, Audible.com®, eMusic®, URGE™, Wal-Mart®, Yahoo! Music™ Unlimited, RadioTime, and Zune™ Marketplace.
Operating Systems (for stored files)	Windows XP and higher; Macintosh OS X; NAS (network-attached storage) devices supporting CIFS
Internet Radio	Streaming MP3 or WMA
Ethernet Connection	2 or 4-port switch, 10/100 Mbps, auto MDI/MDIX
Wireless Connectivity	SonosNet™, a secure AES encrypted, peer-to-peer wireless mesh network
Network Bridging	2 or 4-port switch allows Ethernet devices to connect through SonosNet™
Internet connectivity	DSL, cable modem or LAN-based high-speed Internet connection required. *Internet functionality may require payment of separate fee to a service provider.*

General

Power Supply	AC 120/240, 50-60 Hz, user-switchable
Front Panel Buttons	Volume and Mute
Front Panel LED Indicators	ZonePlayer status and Mute status
Dimensions	
ZP100	10.2" x 8.2" x 4.4" (260 x 209.5 x 113 mm)
ZP120	8.15" x 7.3" x 3.5" (207 x185 x 89mm)
Weight	
ZP100	10 lbs. (4.5 kg)
ZP120	5.1 lbs. (2.3 kg)
Operating Temperature	32 º to 104º F (0º to 40º C)
Storage Temperature	4 º to 158º F (-20º to 70º C)
Finish	Die-cast matte aluminum enclosure on light gray base

* Specifications subject to change without notice.

Sonos ZonePlayer 90/80

Feature	Description
Audio	
Sound Quality	THD+N<0.009%, 20-20kHz
Line In	Analog (RCA), auto-detecting
Line Out	Analog (RCA), digital (optical and coaxial)
Music Access	
Audio Formats Supported	Compressed MP3, WMA (including Windows Media purchased songs), AAC (MPEG4), Ogg Vorbis, Audible .AA files (format 4), Apple Lossless, Flac (lossless) music files, as well as uncompressed WAV and AIFF files. Native support for 44.1kHz sample rates. Additional support for 48kHz, 32kHz, 24kHz, 22kHz, 16kHz, 11kHz, and 8kHz sample rates. *Apple "FairPlay" and WMA Lossless formats not currently supported. Firmware upgradeable to support future audio formats.*
Audio Services Supported	Napster®, Rhapsody®, SIRIUS®, Pandora®, Last.fm™, and downloads from: AOL® Music Now, Audible.com®, eMusic®, URGE™, Wal-Mart®, Yahoo! Music™ Unlimited, RadioTime, and Zune™ Marketplace.
Operating Systems (for stored files)	Windows XP and higher; Macintosh OS X; NAS (network-attached storage) devices supporting CIFS
Internet Radio	Streaming MP3 or WMA
Ethernet Connection	2-port switch, 10/100 Mbps, auto MDI/MDIX

Wireless Connectivity	SonosNet™, a secure AES encrypted, peer-to-peer wireless mesh network.
Network Bridging	2-port switch allows Ethernet devices to connect through SonosNet™
Internet connectivity	DSL, cable modem or LAN-based high-speed Internet connection required. Internet functionality may require payment of separate fee to a service provider

General

Power Supply	AC 100/240, 50-60 Hz
Front Panel Buttons	Volume and Mute
Front Panel LED Indicators	ZonePlayer status and Mute status
Dimensions	5.4" x 5.5" x 2.9" (136.0 x 139.7 x 74.0 mm)
Weight	1.5 lbs. (.69 kg)
Operating Temperature	32 º to 104º F (0º to 40º C)
Storage Temperature	4 º to 158º F (-20º to 70º C)
Finish	Light gray/high quality PC grade

* Specifications subject to change without notice.

Sonos Controller 100

Feature	Description
Display and User Interface	
Screen Type	Transflective LCD screen, with adjustable backlighting
Screen Resolution	3.5” (diagonal) color LCD, 240 x 320 (QVGA)
Browse Control	Touch-sensitive scroll wheel with center-mounted selector button
Function Buttons	9 Backlit buttons, 3 soft-selector buttons below screen
Indicators	Wireless signal strength and battery charge indicator (on-screen), battery status indicator LEDs
Power/Connections	
Battery Type	Rechargeable Li-ION Polymer battery, factory replaceable
Battery Charging Time	2 hours to fully charge
DC Charger	Input 100-240 VAC, 50/60 HZ, Output 6 VDC, 3.8 A
Auxiliary Power Connection	Bottom-mounted charger contacts
Wireless Connectivity	SonosNet™ a secure AES encrypted peer-to-peer wireless mesh network
General	
Dimensions	6.5”x 3.8” x 0.95” (165mm x 97mm x 24.5mm)
Weight	12.5 oz. (360 g)
Finish	Metal cladding on light gray enclosure, splash-resistant

* Specifications subject to change without notice.

Sonos ZoneBridge

Feature	Description
Power/Connections	
Ethernet Connection	2-port switch, 10/100 Mbps, auto MDI/MDIX
Wireless Connectivity	SonosNet™, a secure AES encrypted, peer-to-peer wireless mesh network
Network Bridging	2-port switch allows Ethernet devices to connect through SonosNet™ • **Easy Internet connectivity for other products in the house** - SonosNet can stream any data in between its nodes. A ZoneBridge has two Ethernet jacks on the back to bring standard Internet connectivity to your set-top box, PVR, PC, Game Console or NAS drive • **Extend the range of the Sonos system** - stream music wirelessly to a remote location by placing a ZoneBridge in between a ZonePlayer in a remote location and the rest of the Sonos system. • **Expand the wireless reach of the Controller**- improve Controller access to SonosNet by placing a ZoneBridge in areas where wireless coverage needs a boost. Ideal for retrofits, where all ZonePlayers might be in one location instead of being placed throughout the home.
Internet Connectivity	DSL, cable modem or LAN-based high-speed Internet connection required. Internet functionality may require payment of separate fee to a service provider
Connect Button	Automatic wired or wireless setup of Sonos Multi-Room Music System
LED Indication	ZoneBridge status
Power Supply	Slim external power adapter, Output: DC 5V, 2A
Dimensions	4.33" x 4.33" x 1.61" (110mm W x 110mm D x 41mm H)

Weight	0.59 lbs (270 gr)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Finish	Light gray/high quality PC grade

* Specifications subject to change without notice.

Sonos Loudspeaker

Feature	Description
Audio	
Bandwidth	75 Hz-20kHz±3dB
Sensitivity	85dB @ 2.83 volts/1 meter
Nominal Impedance	8 ohms
Crossover Frequency	1.850 kHz
Power handling	75 watts (125 watts peak)
Drive Components	Two-way system using one 1" (2.5cm) magnetically shielded, Teteron dome driver with 5.5" (14cm) magnetically shielded polypropylene copolymer core woofer.
General	
Dimensions	11.3 x 6.4 x 7.6 in. (288 high x 163 wide x 194 deep mm)
Weight	10.5 lbs (4.7 kg)
Finish	Dark grey/charcoal grey
Speaker Wire	10 ft. of 14-gauge cable provided for each speaker

* Specifications subject to change without notice.

Alternate Sonos System Setup

If you don't use Windows® or Macintosh OS X® operating systems, you can put the Sonos System Setup CD away in a safe place and use a handheld Controller to set up your Sonos Multi-Room Music System.

For assistance, you can go directly to:

- - System Setup Using Sonos Controller CR100
- - System Setup for NAS Device (no router)
- - System Setup Using iPhone/iPod touch

For additional setup assistance, you can also go to our Website at ***http://faq.sonos.com/nodcr.***

If you have digital music stored on a computer or a network-attached storage (NAS) device, the computer directories or folders that contain your music files must be *shared* so that the Sonos Multi-Room Music System can access them. Before you begin, enable *file sharing* on each computer that holds the music files you want to access.The Sonos Multi-Room Music System will recognize many standard shared folders on your computer or network-attached storage (NAS) device. For additional information, visit our Web site at ***http://faq.sonos.com/sharing***.

C

System Setup Using Sonos Controller CR100

Note: If you have just purchased a new Sonos Controller CR100, you should charge the battery. Connect your Sonos Controller to the power adapter using the adapter cable. **You can use your Controller while it is charging.**

Step 1: Connect a Sonos component to your router

Connect one ZonePlayer or ZoneBridge to your router using a standard Ethernet cable (included), and then apply power.

- If you have structured (built-in) wiring that connects to a router located elsewhere in your home, you can connect the Ethernet cable from a live wall plate into one of the Ethernet switch connectors on the back of your Sonos component.)

Step 2: Place the other ZonePlayers or ZoneBridges in the rooms of your choice

- If you are adding a ZonePlayer 120/100, attach speakers to your ZonePlayer (see If you are connecting a ZonePlayer 120/100).
- If you are adding a ZonePlayer 90/80, connect to an external amplified device (see - Using Line-out).
- If you are connecting a ZoneBridge, simply apply power.

Step 3: Set up your Sonos system using the Sonos Controller

1. From the **Welcome** screen on your Sonos Controller, press the **OK** button located in the center of the scroll wheel.
2. Follow the Controller's on-screen prompts to connect your ZonePlayer or ZoneBridge.

ZoneBridge Setup

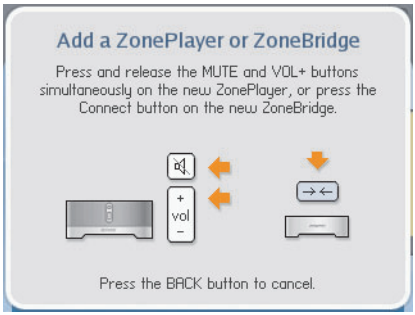
•You will be prompted to press and release the **Connect** button on top of the ZoneBridge. The indicator lights will flash green and white while the ZoneBridge is connecting.

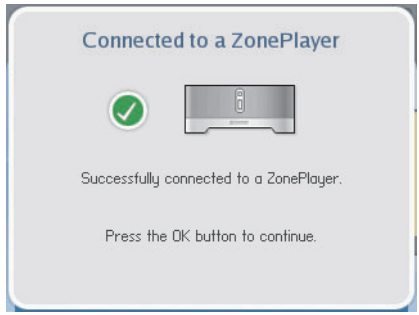
ZonePlayer Setup

•You will be prompted to press and release the **Mute** and **Volume Up** buttons simultaneously on the ZonePlayer.

•The **Mute** and **ZonePlayer Status** indicator lights will flash green and white while the ZonePlayer is connecting. You can release the buttons as soon as they start to blink (approximately 1 second.)

•When the ZonePlayer has been successfully added to your music system, the **Mute** indicator will go out and the **ZonePlayer Status indicator** will change to solid white.

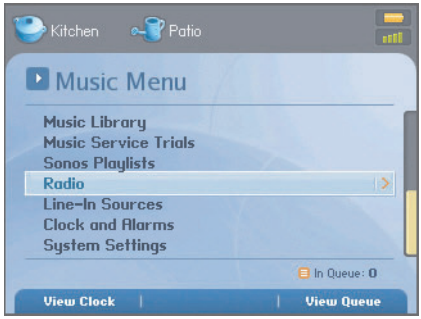

Add a ZonePlayer or ZoneBridge
Press and release the MUTE and VOL+ buttons simultaneously on the new ZonePlayer, or press the Connect button on the new ZoneBridge.
+
vol
–
Press the BACK button to cancel.



3. During the setup process, you'll be asked to register your Sonos Multi-Room Music System. You need to be registered in order to receive Sonos technical support and free software upgrades, as well as to activate free music service trial subscriptions for services like Rhapsody and Napster.
4. When you see the message **Setup Complete**, press **OK**.

Step 4: Play some music!

1. Press the **Music** button to display the **Music** menu.



2. Choose one of the following options:
   - To activate a free music service trial, select **Music Service Trials**. (Your music system must be registered to activate a trial, so if you have not yet registered, you can do it now by selecting **System Settings**>**Advanced Settings**>**System Registration**.)
   - To add a Sonos-compatible music service you already subscribe to, select **System Settings**>**Music Service Setup**, and select **Add**.
   - To select an Internet radio station, radio show, or podcast, select **Radio**.
   - If you have music folders stored on your computer, press the **Music** button, and then select **System Settings**>**Music Library Management**>**Music Library Setup** to set up Sonos access to them.
     - Select **Add New**. The Sonos System may detect your shared music folder(s) automatically. If it is detected, highlight the shared folder, and press **OK**. If it is not detected, select **Enter New**.
     - Press **Type...** to enter the path for this folder. Type *Name**Sharename*, where *Name* is the network name for your computer or NAS device, and *Sharename* is the name of the top level shared folder (for example, \\linkstation\music_share), and then press **Accept**.
     - Press **OK**.
     - If the folder is not shared anonymously, you will be prompted to enter a

user name and password. When required:

- Use the scroll wheel to highlight the **Username** field and press **Type**.
- Type the name of a user with permission to access this folder, and then press **Accept**.
- Use the scroll wheel to highlight the **Password** field and press **Type**.
- Type the password associated with this user, and then press **Accept**.
- Now you can simply select **Music Library** from the **Music** menu to play the music stored on your computer.

System Setup for NAS Device (no router)

Step 1: Apply power to a Sonos component

Attach the power cord to a ZonePlayer or ZoneBridge and plug into a wall outlet.

Step 2: Set up your Sonos system using the Sonos Controller

1. From the **Welcome** screen on your Sonos Controller, press the **OK** button located in the center of the scroll wheel.
2. Follow the Controller's on-screen prompts to connect your ZonePlayer or ZoneBridge.

ZoneBridge Setup

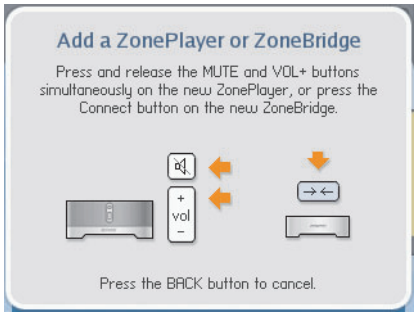
•You will be prompted to press and release the **Connect** button on top of the ZoneBridge. The indicator lights will flash green and white while the ZoneBridge is connecting.

ZonePlayer Setup

•You will be prompted to press and release the **Mute** and **Volume Up** buttons simultaneously on the ZonePlayer.

•The **Mute** and **ZonePlayer Status** indicator lights will flash green and white while the ZonePlayer is connecting. You can release the buttons as soon as they start to blink (approximately 1 second.)

•When the ZonePlayer has been successfully added to your music system, the **Mute** indicator will go out and the **ZonePlayer Status indicator** will change to solid white.


Add a ZonePlayer or ZoneBridge
Press and release the MUTE and VOL+ buttons simultaneously on the new ZonePlayer, or press the Connect button on the new ZoneBridge.
+
vol
–
Press the BACK button to cancel.

3. During the setup process, you'll be asked to register your Sonos Multi-Room Music System. You need to be registered in order to receive Sonos technical support and free software upgrades, as well as to activate free music service trial subscriptions for services like Rhapsody and Napster.
4. When you see the message **Setup Complete**, press **OK**.
5. Connect the NAS device to your computer, and then access the Web Configuration utility (see your product documentation for instructions on setting a static IP). Through this interface, specify a static IP address for the NAS of 169.254.x.x (e.g. 169.254.10.100) and a subnet mask of 255.255.0.0.
6. Once you have saved these settings, disconnect the NAS box from your computer and connect it to one of the Ethernet ports on the back of the ZonePlayer or ZoneBridge.
7. Press the **Music** button on your Sonos Controller twice to display the **Music** menu.
8. Select **System Settings**>**Music Library Management** >**Music Library Setup**.
9. Select **Add New**. At this point the Sonos System may detect your share automatically. If it does not, select **Enter New**>**Type…**
10. Type the path for this folder, ||***NASname***|***sharename***, where *NASname* is the network name for your NAS device and *sharename* is the name of the top level shared folder, and then press **Accept**.
11. Press **OK**.

12. If the folder is not shared anonymously, you will be prompted to enter a user name and password. When required:
    - Use the scroll wheel to highlight the **Username** field and press **Type**.
    - Type the name of a user with permission to access this folder, and then press **Accept**.
    - Use the scroll wheel to highlight the **Password** field and press **Type**.
    - Type the password associated with this user, and then press **Accept**.

Step 3: Place the other ZonePlayers or ZoneBridges in the rooms of your choice

1. Choose one of the following options:
    - If you are adding a ZonePlayer 120/100, attach speakers to your ZonePlayer (see If you are connecting a ZonePlayer 120/100) and then apply power.
    - If you are adding a ZonePlayer 90/80, connect to an external amplified device (see - Using Line-out) and then apply power.
    - If you are connecting a ZoneBridge, simply apply power.
2. From the **Music** menu, select **System Settings**>**Add a ZonePlayer or ZoneBridge** and press **OK**. Follow the prompts to add more Sonos components to your music system

Step 4: Play some music!

1. Press the **Music** button to display the **Music** menu.

2. Choose one of the following options:
   - To play music stored on your NAS drive, select **Music Library**.
   - To activate a free music service trial, select **Music Service Trials**. (Your music system must be registered to activate a trial, so if you have not yet registered, you can do it now by selecting **System Settings**>**Advanced Settings**>**System Registration**.)
   - To add a Sonos-compatible music service you already subscribe to, select **System Settings**>**Music Service Setup**, and select **Add**.
   - To play an Internet radio station, radio show, or podcast, select **Radio**.

System Setup Using iPhone/iPod touch

Step 1: Connect a Sonos component to your router

Connect one ZonePlayer or ZoneBridge to your router using a standard Ethernet cable (included), and then apply power.

- If you have structured (built-in) wiring that connects to a router located elsewhere in your home, you can connect the Ethernet cable from a live wall plate into one of the Ethernet switch connectors on the back of your Sonos component.)

Step 2: Place the other ZonePlayers or ZoneBridges in the rooms of your choice

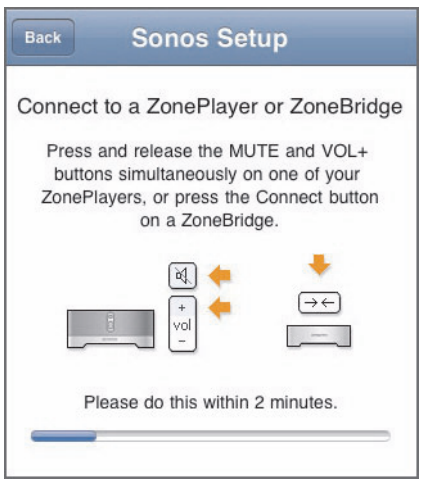
- Choose one of the following options:
  - If you are adding a ZonePlayer 120/100, attach speakers to your ZonePlayer (see "If you are connecting a ZonePlayer 120/100" on page 2-7).
  - If you are adding a ZonePlayer 90/80, connect to an external amplified device (see "Using Line-out" on page 2-24).
  - If you are connecting a ZoneBridge, simply apply power.

Step 3: Set up your Sonos system using an iPhone or an iPod touch

1. Tap the **App Store** button on your iPhone or iPod touch to download the Sonos Controller for iPhone, or you can download it from iTunes. If you download the

Sonos Controller from iTunes, you will need to sync before you see the Sonos logo display on your iPhone.

2. Tap the Sonos icon on your iPhone or iPod touch.
3. From the **Welcome** screen, tap **Next**.
4. Follow the Controller's on-screen prompts to connect your ZonePlayer or ZoneBridge.


Back
Sonos Setup
Connect to a ZonePlayer or ZoneBridge
Press and release the MUTE and VOL+ buttons simultaneously on one of your ZonePlayers, or press the Connect button on a ZoneBridge.
+
vol
–
Please do this within 2 minutes.

ZoneBridge Setup

Press and release the **Connect** button on top of the ZoneBridge. The indicator lights will flash green and white while the ZoneBridge is connecting.

ZonePlayer Setup

Press and release the **Mute** and **Volume Up** buttons simultaneously on the ZonePlayer.

The Mute and ZonePlayer Status indicator lights will flash green and white while the ZonePlayer is connecting. You can release the buttons as soon as they start to blink (approximately 1 second.)

When the ZonePlayer has been successfully added to your music system, the Mute indicator will go out and the ZonePlayer Status indicator will change to solid white.

Sonos Setup
Next
Connected to your Sonos system
The iPhone successfully connected to your Sonos system.
Press the Next button above to continue.

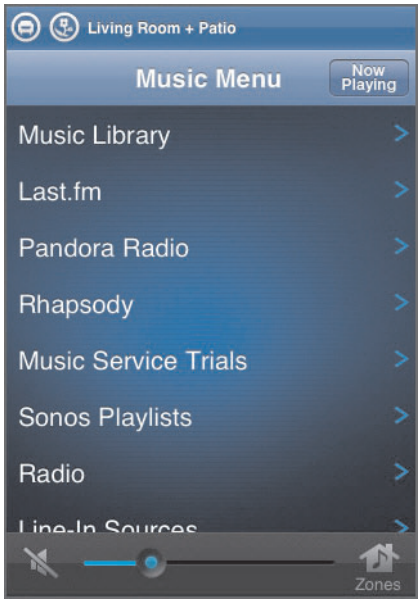
5. Highlight to select a room name for your ZonePlayer, and then tap **Next**.
6. If you have more ZonePlayers to add, tap **Yes**. Otherwise, tap **No**.
7. Choose one of the following options:
   - Select **Yes, register now** to register your music system. Tap **Email Address** and the keyboard appears so you can type your email address.
   - Select **No** if you want to skip this step.

Note: Your music system must be registered in order to receive future software updates, technical support and access to free music service trials. You can register either during the setup process or after setup is complete. We do not share your email address with other companies.

8. When you see the message **Setup Complete**, tap **Next**.

Step 4: Play some music!

1. Tap the zone you'd like to play music in. The **Music** menu appears.



2. Choose one of the following options:
   - To activate a free music service trial, tap **Music Service Trials**. (Your music system must be registered to activate a trial, so if you have not yet registered, you can do it now by selecting **System Settings**>**Advanced Settings**>**System Registration**.)
   - To add a Sonos-compatible music service you already subscribe to, tap **System Settings**>**Music Service Setup**, and tap the **Add** button at the bottom of the screen.
   - To select an Internet radio station, radio show, or podcast, tap **Radio**.
   - If you have music folders stored on your computer or a Network-Attached Storage (NAS) drive, you can use the Desktop Controller software to locate them.
     - Install the Desktop Controller software—you will be prompted to add mu-

sic folders during the setup process. If you already have the Desktop Controller software installed, select **Music** from the menu bar, and then select **Set Up Music Library**>**Add a Share**.

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